

Converting Colors

XYZ(80.4825, 84.2073, 92.1869)

Have a look what the booklet for
XYZ(80.4825, 84.2073, 92.1869)
contains.

XYZ(80.5414, 84.2825, 92.1439)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(80.5414, 84.2825,
92.1439)**

Conversions

Conversions Part 1

Format	Color
Hex	EEEECED
RGB	238, 236, 237
RGB Percent	93%, 93%, 93%
CMY	0.0667, 0.0745, 0.0706
CMYK	0.00, 0.01, 0.00, 0.07
HSL	330°, 6%, 93%
HSV	330°, 1%, 93%
XYZ	80.5414, 84.2825, 92.1439
YIQ	236.7120, 0.8710, 0.7350

Conversions

Conversions Part 2

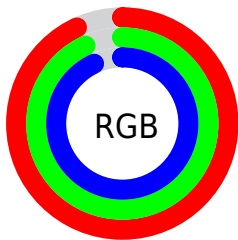
Format	Color
R _Y B	238, 236, 237
Decimal	15658221
CIE Lab	93.57, 0.85, -0.26
CIE LCh	94, 0.888, 343.200
Yxy	84.2825, 0.3134, 0.3280
Android (android.graphics.Color)	4293848301 (0xFFEEEECED)
YUV	236.7120, 0.1420, 1.1296
Hunter-Lab	91.8055, -4.0607, 4.7553

Details

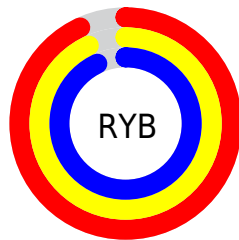
The XYZ color **80.5414, 84.2825, 92.1439** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.4558, 85.0985, 92.3102**, and the grayscale version is **80.2754, 84.4559, 91.9725**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.9532, 45.9238, 50.2637** is the 20% darker color. If you saturate the color by 10%, you get **72.4565, 70.8077, 81.1382**, and if you desaturate by 10%, it is **88.1076, 96.5323, 103.5504**.

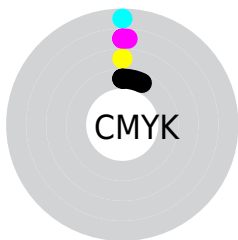
Distribution



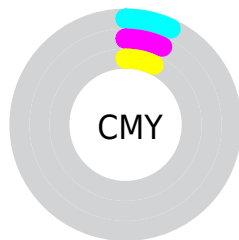
- Red (93%)
- Green (93%)
- Blue (93%)



- Red (93%)
- Yellow (93%)
- Blue (93%)



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)



- Cyan (7%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.5414, 84.2825, 92.1439 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 80.5414, 84.2825, 92.1439 by changing the saturation by 10% instead.

80.5414, 84.2825,
92.1439

80.5414, 84.2825,
92.1439

485.4643,
509.2509, 555.7295

60.4740, 63.2487,
69.1765

133.0732,
139.3703, 152.2742

44.0517, 46.0424,
50.3828

166.2682,
174.1931, 190.2742

30.9092, 32.2793,
35.3443

204.5699,
214.3809, 234.1221

20.6812, 21.5749,
23.6426

248.3435,
260.3183, 284.2365

13.0023, 13.5449,
14.8589

297.9543,
312.3896, 341.0359

7.5072, 7.8048,
8.5749

353.7679,

3.8304, 3.9703,

370.9792, 404.9388

4.3720

416.1494,
436.4715, 476.3639

■ 1.6066, 1.6570,
1.8315

■ 0.3967, 0.3956,
0.4486

■ 80.5414, 84.2825,
92.1439

■ 80.5414, 84.2825,
92.1439

■ 72.4565, 70.8077,
81.1382

■ 88.1076, 96.5323,
103.5504

■ 65.3601, 59.1292,
71.0215

■ 89.0704, 96.9174,
108.6202

■ 59.2142, 49.1734,
61.7709

■ 53.9752, 40.8572,
53.3601

■ 49.5963, 34.0907,
45.7613

■ 46.0261, 28.7755,
38.9450

■ 43.2076, 24.8012,
32.8790

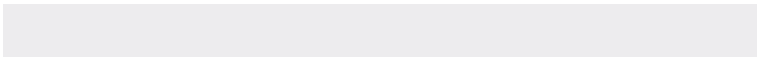
■ 41.0753, 22.0420,
27.5280

■ 39.5519, 20.3471,
22.8520

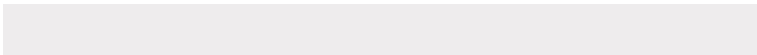
Harmonies

Analogous

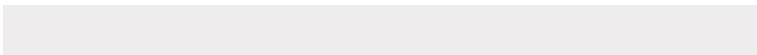
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.4177, 84.2825, 92.7160



80.5414, 84.2825, 92.1439



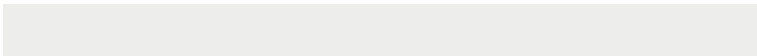
80.5488, 84.2825, 91.4741

Triad

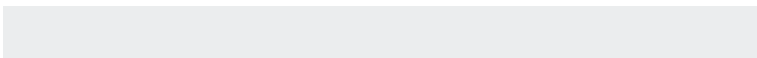
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.5414, 84.2825, 92.1439



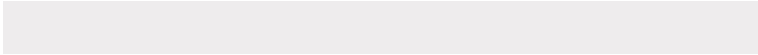
80.0048, 84.2825, 90.5150



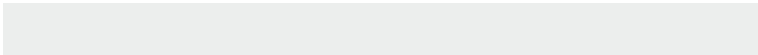
79.7790, 84.2825, 92.6582

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



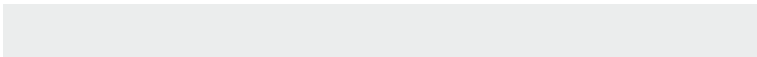
80.5414, 84.2825, 92.1439



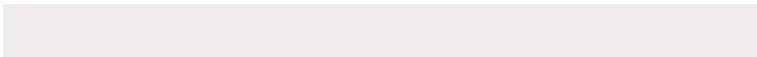
80.4558, 85.0985, 92.3102

Split Complementary

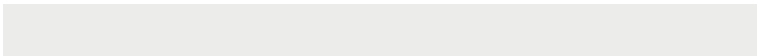
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.6688, 84.2825, 92.0652



80.5414, 84.2825, 92.1439



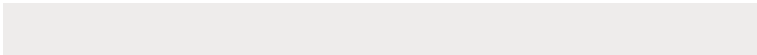
79.7990, 84.2825, 90.8291

Square

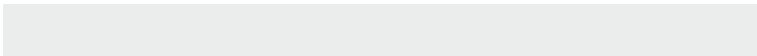
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



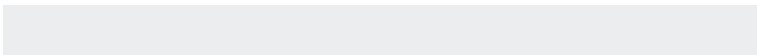
80.5414, 84.2825, 92.1439



80.2387, 84.2825, 90.5359



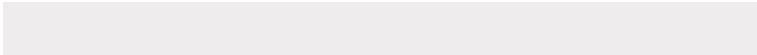
79.6761, 84.2825, 91.3957



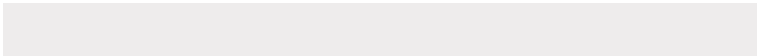
79.9774, 84.2825, 93.0139

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



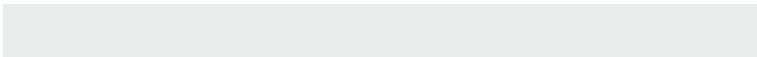
80.5414, 84.2825, 92.1439



80.4867, 84.2825, 91.0624



79.6761, 84.2825, 91.3957



79.7304, 84.2825, 92.4798

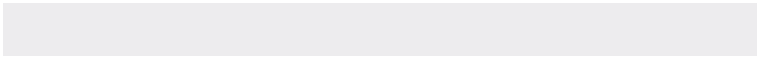
Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



80.5438, 84.2861, 92.1457

95.0500, 100.0000, 108.9000



80.3562, 84.1725, 92.9017



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

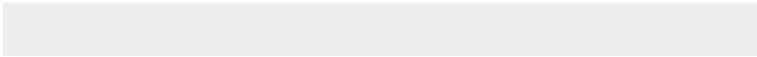
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.5438, 84.2861, 92.1457



94.0369, 98.3018, 107.5509



80.3986, 84.2281, 91.3814



17.6251, 18.4311, 20.1601



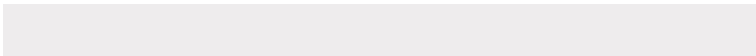
21.5865, 10.9070, 11.0052



1.8460, 0.9274, 1.1800

Inverse Universe

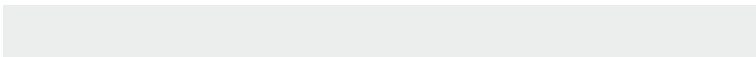
The Inverse Universe completely reimagines the original color for something new.



80.5438, 84.2861, 92.1457



94.0369, 98.3018, 107.5509



80.6018, 85.1569, 93.0788



17.6251, 18.4311, 20.1601



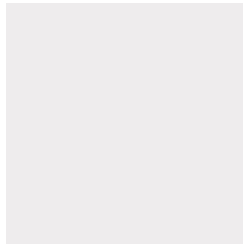
21.5865, 10.9070, 11.0052



1.8460, 0.9274, 1.1800

Previews

White Background



This preview shows how the XYZ color 80.5414, 84.2825, 92.1439 looks on a white background.

Color Contrast Check

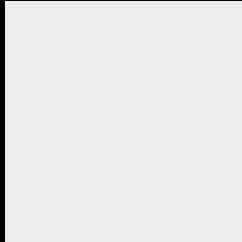
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 80.5414, 84.2825, 92.1439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

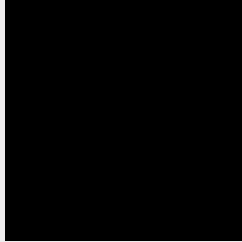
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

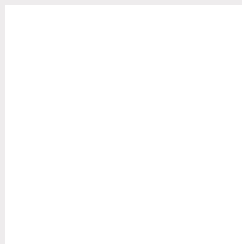
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.5414, 84.2825, 92.1439

Background



This preview shows how black text looks on a background with the XYZ color 80.5414, 84.2825, 92.1439.



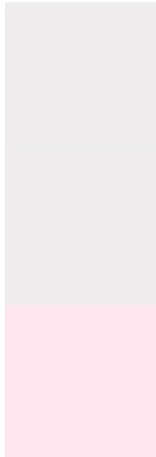
This preview shows how white text looks on a background with the XYZ color 80.5414, 84.2825,

92.1439.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

80.5414, 84.2825, 92.1439

Protanopia

80.9296, 84.0564, 92.0798

Deuteranopia

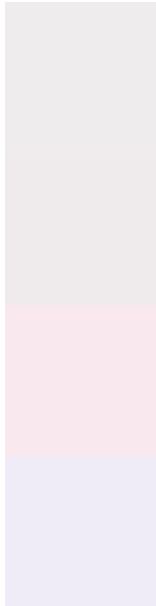
84.9694, 84.0267, 92.6293



Tritanopia

82.9287, 84.3992, 104.0153

Trichromacy



Original Color

80.5414, 84.2825, 92.1439

Protanomaly

80.5910, 83.8818, 92.0640

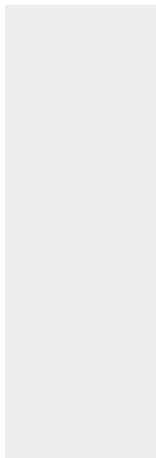
Deuteranomaly

83.3562, 84.0260, 92.7142

Tritanomaly

82.0934, 84.4828, 99.9757

Monochromacy



Original Color

80.5414, 84.2825, 92.1439

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.4953, 84.6873, 92.2245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.5414, 84.2825, 92.1439 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(238, 236, 237) looks like.

```
.text, #text, p{  
    color:rgb(238, 236, 237)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(238, 236, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 236, 237) }
```

Border

The CSS property to change the border of an element to XYZ 80.5414, 84.2825, 92.1439 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 236, 237) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(238, 236, 237) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(238, 236, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 236, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 236, 237);  
box-shadow:4px 4px 4px 4px rgb(238, 236,  
237) }
```


Background

The CSS property to change the background color of an element to XYZ 80.5414, 84.2825, 92.1439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 236, 237) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(238,  
236, 237) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor