

Converting Colors

XYZ(81.1241, 84.9775, 93.7880)

Have a look what the booklet for
XYZ(81.1241, 84.9775, 93.7880)
contains.

XYZ(81.1241, 84.9775, 93.7880)	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(81.1241, 84.9775,
93.7880)**

Conversions

Conversions Part 1

Format	Color
Hex	EEEDEF
RGB	238, 237, 239
RGB Percent	93%, 93%, 94%
CMY	0.0667, 0.0706, 0.0627
CMYK	0.00, 0.01, 0.00, 0.06
HSL	270°, 6%, 93%
HSV	270°, 1%, 94%
XYZ	81.1241, 84.9775, 93.7880
YIQ	237.5270, -0.0460, 0.8340

Conversions

Conversions Part 2

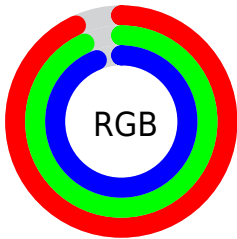
Format	Color
R _Y B	238, 237, 239
Decimal	15658479
CIE Lab	93.87, 0.69, -0.86
CIE LCh	94, 1.103, 308.985
Yxy	84.9775, 0.3121, 0.3270
Android (android.graphics.Color)	4293848559 (0xFFEEEEDEF)
YUV	237.5270, 0.7262, 0.4148
Hunter-Lab	92.1832, -4.2352, 4.2061

Details

The XYZ color **81.1241, 84.9775, 93.7880** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.4157, 86.0269, 92.4388**, and the grayscale version is **80.8992, 85.1122, 92.6872**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.3625, 46.4117, 51.4199** is the 20% darker color. If you saturate the color by 10%, you get **70.7739, 70.0470, 91.4529**, and if you desaturate by 10%, it is **90.7557, 98.0715, 95.8090**.

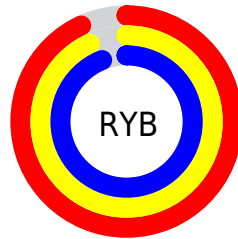
Distribution



Red (93%)

Green (93%)

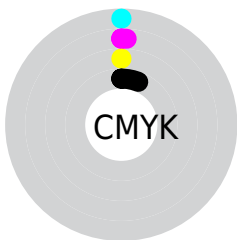
Blue (94%)



Red (93%)

Yellow (93%)

Blue (94%)

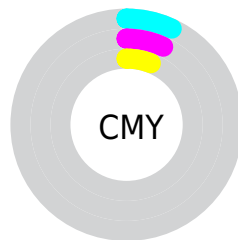


Cyan (0%)

Magenta (1%)

Yellow (0%)

Black (6%)



Cyan (7%)

Magenta (7%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.1241, 84.9775, 93.7880 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 81.1241, 84.9775, 93.7880 by changing the saturation by 10% instead.

81.1241, 84.9775,
93.7880

81.1241, 84.9775,
93.7880

487.3921,
511.5536, 561.1625

60.9555, 63.8228,
70.5353

133.8873,
140.3417, 154.5703

44.4416, 46.5072,
51.4836

167.2125,
175.3201, 192.9369

31.2172, 32.6462,
36.2142

205.6539,
215.6750, 237.1787

20.9170, 21.8556,
24.3087

249.5770,
261.7911, 287.7140

13.1754, 13.7508,
15.3484

299.3469,
314.0525, 344.9615

7.6273, 7.9476,
8.9150

355.3292,

3.9072, 4.0614,

372.8439, 409.3398

4.5897

417.8892,
438.5494, 481.2672

■ 1.6498, 1.7080,
1.9541

■ 0.4245, 0.4288,
0.5268

■ 81.1241, 84.9775,
93.7880

■ 81.1241, 84.9775,
93.7880

■ 70.7739, 70.0470,
91.4529

■ 90.7557, 98.0715,
95.8090

■ 61.5696, 57.0201,
89.4236

■ 92.5802, 99.0121,
95.8944

■ 53.4696, 45.8205,
87.6888

■ 46.4271, 36.3626,
86.2344

■ 40.3915, 28.5535,
85.0452

■ 35.3076, 22.2918,
84.1045

■ 31.1142, 17.4640,
83.3937

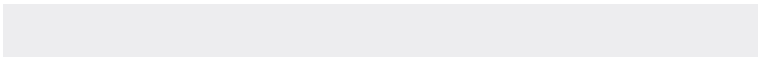
■ 27.7418, 13.9406,
82.8913

■ 25.1083, 11.5672,
82.5720

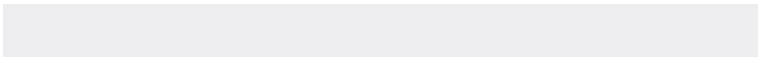
Harmonies

Analogous

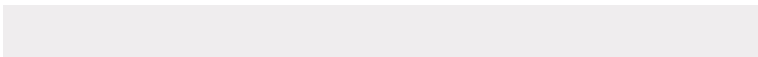
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.8567, 84.9775, 94.1316



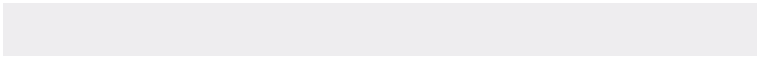
81.1241, 84.9775, 93.7880



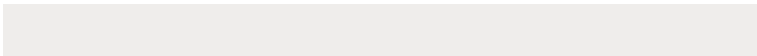
81.2965, 84.9775, 93.1068

Triad

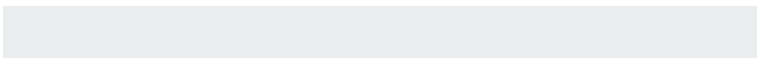
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.1241, 84.9775, 93.7880



80.9711, 84.9775, 91.0256



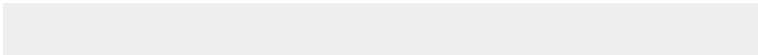
80.2125, 84.9775, 92.7787

Complementary

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



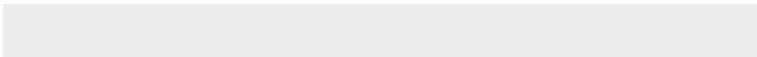
81.1241, 84.9775, 93.7880



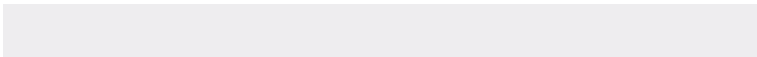
81.4157, 86.0269, 92.4388

Split Complementary

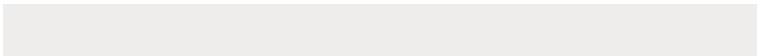
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.2429, 84.9775, 91.9477



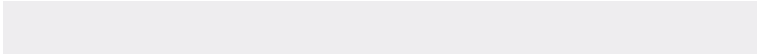
81.1241, 84.9775, 93.7880



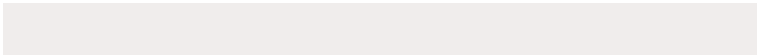
80.6805, 84.9775, 90.9389

Square

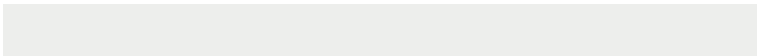
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.1241, 84.9775, 93.7880



81.2080, 84.9775, 91.5130



80.4141, 84.9775, 91.2755



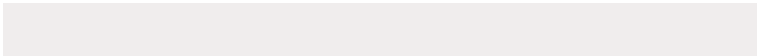
80.3307, 84.9775, 93.5465

Rectangle

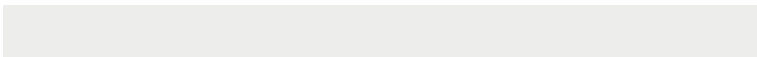
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



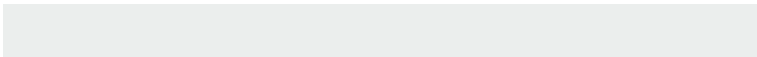
81.1241, 84.9775, 93.7880



81.3341, 84.9775, 92.5547



80.4141, 84.9775, 91.2755



80.2057, 84.9775, 92.4974

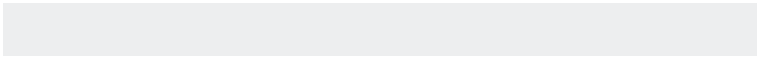
Sweetspot

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



81.1265, 84.9811, 93.7899

95.0500, 100.0000, 108.9000



81.0924, 85.4082, 93.8741



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

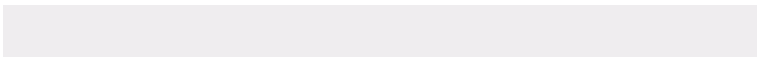
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.1265, 84.9811, 93.7899



93.7735, 98.1423, 108.6087



81.4520, 85.1489, 93.8051



17.5785, 18.4029, 20.3472



12.9857, 5.6998, 45.5436



1.1950, 0.5333, 3.7942

Inverse Universe

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



81.3164, 85.0960, 93.0326



94.0377, 98.3021, 107.5552



81.0919, 85.8600, 92.4237



17.6253, 18.4312, 20.1608



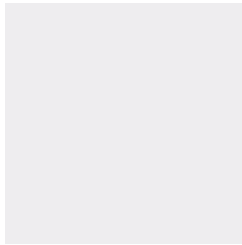
21.6023, 10.9134, 11.0884



1.8473, 0.9280, 1.1869

Previews

White Background



This preview shows how the XYZ color 81.1241, 84.9775, 93.7880 looks on a white background.

Color Contrast Check

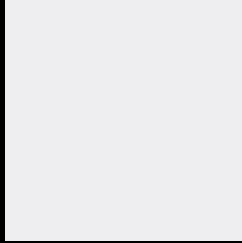
Large Text (above 18pt) WCAG AA × Fail

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 81.1241, 84.9775, 93.7880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

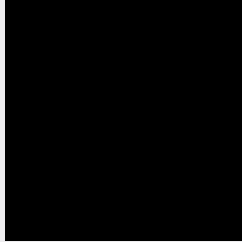
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

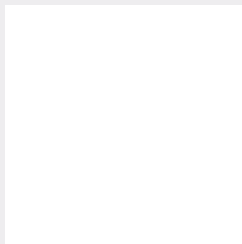
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.1241, 84.9775, 93.7880

Background



This preview shows how black text looks on a background with the XYZ color 81.1241, 84.9775, 93.7880.



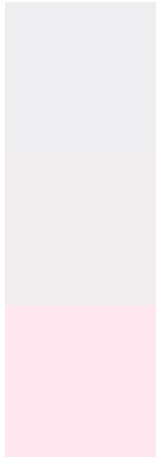
This preview shows how white text looks on a background with the XYZ color 81.1241, 84.9775,

93.7880.

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

81.1241, 84.9775, 93.7880

Protanopia

81.7037, 84.8647, 92.9632

Deuteranopia

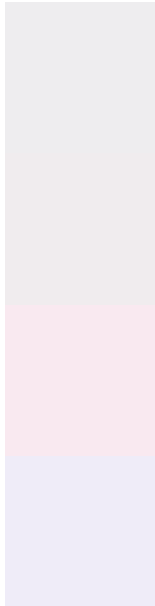
85.5441, 84.7031, 94.2787



Tritanopia

83.3731, 85.0338, 104.9474

Trichromacy



Original Color

81.1241, 84.9775, 93.7880

Protanomaly

81.3632, 84.6892, 92.9473

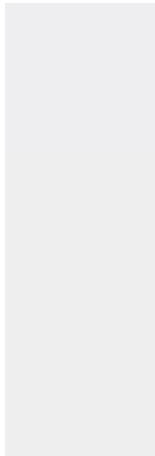
Deuteranomaly

83.9340, 84.7088, 94.3647

Tritanomaly

82.5353, 85.1189, 100.8865

Monochromacy



Original Color

81.1241, 84.9775, 93.7880

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.2670, 85.4993, 93.1087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.1241, 84.9775, 93.7880 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, 237, 239) looks like.

```
.text, #text, p{  
    color:rgb(238, 237, 239)  
}
```

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, 237, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 237, 239) }
```

Border

The CSS property to change the border of an element to XYZ 81.1241, 84.9775, 93.7880 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, 237, 239) }
```

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

```
.border{ border-color:rgb(238, 237, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 237, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 237, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 237, 239);  
box-shadow:4px 4px 4px 4px rgb(238, 237,  
239) }
```


Background

The CSS property to change the background color of an element to XYZ 81.1241, 84.9775, 93.7880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 237, 239) }
```

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

```
.background{ background-color: rgb(238,  
237, 239) }
```

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