

Converting Colors

XYZ(82.0657, 87.9226, 94.0909)

Have a look what the booklet for
XYZ(82.0657, 87.9226, 94.0909)
contains.

XYZ(82.2227, 88.1660, 94.3455)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(82.2227, 88.1660,
94.3455)**

Conversions

Conversions Part 1

Format	Color
Hex	ECF3EF
RGB	236, 243, 239
RGB Percent	93%, 95%, 94%
CMY	0.0745, 0.0470, 0.0627
CMYK	0.03, 0.00, 0.02, 0.05
HSL	146°, 23%, 94%
HSV	146°, 3%, 95%
XYZ	82.2227, 88.1660, 94.3455
YIQ	240.4510, -2.8880, -2.7280

Conversions

Conversions Part 2

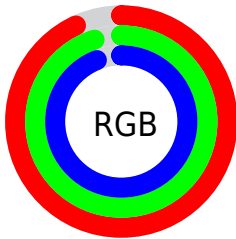
Format	Color
R_{YB}	236, 241, 243
Decimal	15528943
CIE _{Lab}	95.23, -3.03, 1.11
CIE _{LCh}	95, 3.222, 159.909
Yxy	88.1660, 0.3106, 0.3330
Android (android.graphics.Color)	4293719023 (0xFFECEF3EF)
YUV	240.4510, -0.7153, -3.9035
Hunter-Lab	93.8968, -8.0120, 6.1544

Details

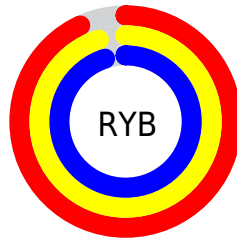
The XYZ color **82.2227, 88.1660, 94.3455** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.6891, 85.3393, 94.5565**, and the grayscale version is **83.1870, 87.5192, 95.3084**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.1400, 48.6628, 51.8135** is the 20% darker color. If you saturate the color by 10%, you get **72.7232, 83.4994, 83.5967**, and if you desaturate by 10%, it is **91.0049, 92.4496, 105.8879**.

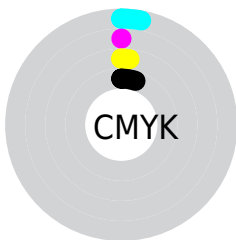
Distribution



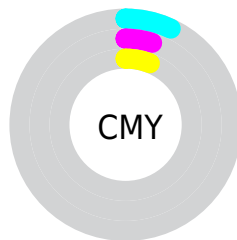
- Red (93%)
- Green (95%)
- Blue (94%)



- Red (93%)
- Yellow (95%)
- Blue (95%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)



- Cyan (7%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.2227, 88.1660, 94.3455 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 82.2227, 88.1660, 94.3455 by changing the saturation by 10% instead.

82.2227, 88.1660,
94.3455

82.2227, 88.1660,
94.3455

491.0155,
522.0467, 562.9983

61.8639, 66.4606,
70.9965

135.4205,
144.7882, 155.3479

45.1779, 48.6464,
51.8575

168.9901,
180.4738, 193.8383

31.7994, 34.3390,
36.5101

207.6940,
221.5882, 238.2129

21.3632, 23.1542,
24.5356

251.8976,
268.5159, 288.8903

13.5037, 14.7074,
15.5155

301.9661,
321.6412, 346.2890

7.8557, 8.6143,
9.0314

358.2651,

4.0538, 4.4905,

381.3485, 410.8275

4.6645

421.1598,
448.0222, 482.9244

■ 1.7326, 1.9515,
1.9965

■ 0.4765, 0.5791,
0.5532

■ 82.2227, 88.1660,
94.3455

■ 82.2227, 88.1660,
94.3455

■ 72.7232, 83.4994,
83.5967

■ 91.0049, 92.4496,
105.8879

■ 64.4291, 79.4340,
73.7077

■ 91.3422, 92.5845,
107.6641

■ 57.2924, 75.9478,
64.6589

■ 51.2587, 73.0132,
56.4281

■ 46.2692, 70.6004,
48.9919

■ 42.2591, 68.6766,
42.3257

■ 39.1564, 67.2049,
36.4039

■ 36.8781, 66.1433,
31.1989

■ 35.3245, 65.4407,
26.6812

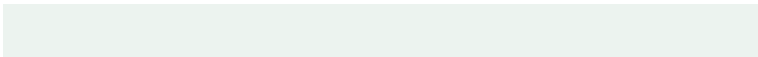
Harmonies

Analogous

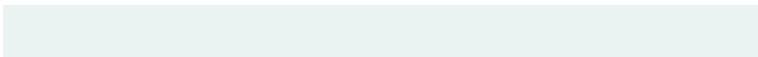
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.7201, 88.1660, 92.3345



82.2227, 88.1660, 94.3455



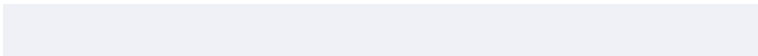
82.1461, 88.1660, 96.8327

Triad

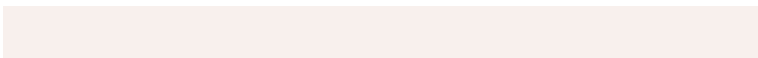
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.2227, 88.1660, 94.3455



84.0902, 88.1660, 100.8427



85.1016, 88.1660, 92.9273

Complementary

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



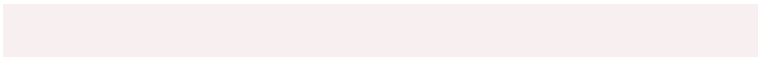
82.2227, 88.1660, 94.3455



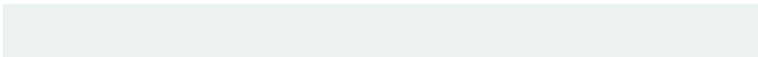
82.6891, 85.3393, 94.5565

Split Complementary

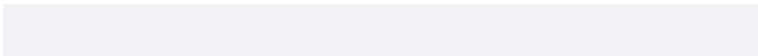
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.4742, 88.1660, 95.1677



82.2227, 88.1660, 94.3455



84.8876, 88.1660, 99.7567

Square

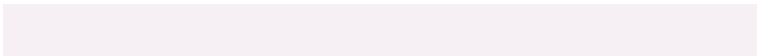
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



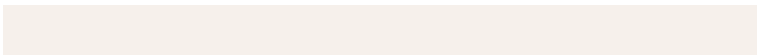
82.2227, 88.1660, 94.3455



83.2202, 88.1660, 100.6133



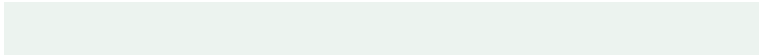
85.3956, 88.1660, 97.6693



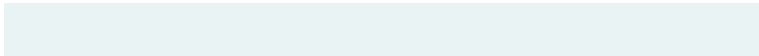
84.3808, 88.1660, 91.5257

Rectangle

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



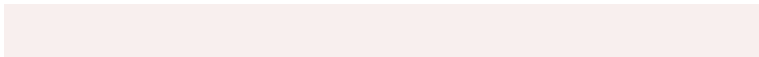
82.2227, 88.1660, 94.3455



82.3434, 88.1660, 98.4303



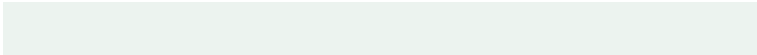
85.3956, 88.1660, 97.6693



85.2719, 88.1660, 93.6057

Sweetspot

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



82.2252, 88.1698, 94.3474



93.8842, 99.4260, 107.6250



83.1577, 88.7013, 92.0965



20.1074, 21.2873, 23.0496



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

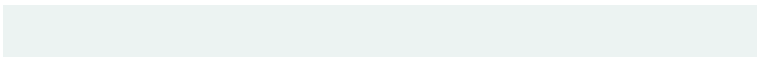
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.2252, 88.1698, 94.3474



91.5951, 98.2994, 105.1046



82.7354, 88.3739, 97.0342



17.7788, 19.1808, 20.4079



19.0286, 35.7563, 13.4365



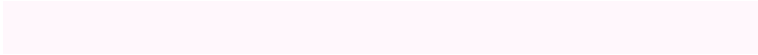
1.7228, 3.1628, 1.4463

Inverse Universe

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



82.6891, 85.3393, 94.5565



92.1348, 95.0065, 105.3478



82.1856, 85.1379, 91.9053



17.9116, 18.3706, 20.4677



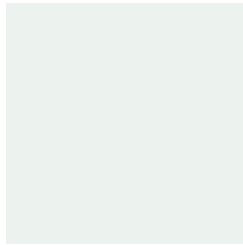
22.9094, 11.5072, 14.7634



2.0649, 1.0319, 1.5683

Previews

White Background



This preview shows how the XYZ color 82.2227, 88.1660, 94.3455 looks on a white background.

Color Contrast Check

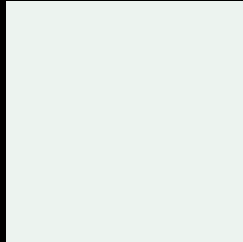
Large Text (above 18pt) WCAG AA × Fail

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 82.2227, 88.1660, 94.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

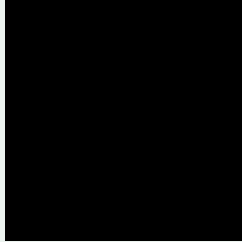
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

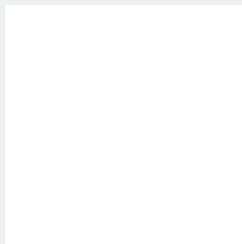
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.2227, 88.1660, 94.3455

Background



This preview shows how black text looks on a background with the XYZ color 82.2227, 88.1660, 94.3455.



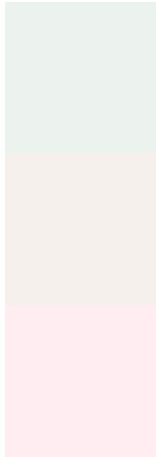
This preview shows how white text looks on a background with the XYZ color 82.2227, 88.1660,

94.3455.

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

82.2227, 88.1660, 94.3455

Protanopia

84.4522, 88.0274, 92.6606

Deuteranopia

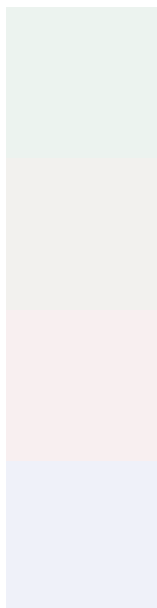
87.4014, 88.1792, 95.6328



Tritanopia

85.1453, 88.0654, 107.1184

Trichromacy



Original Color

82.2227, 88.1660, 94.3455

Protanomaly

83.5059, 87.9609, 93.4658

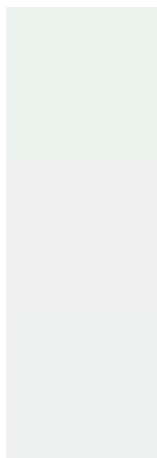
Deuteranomaly

85.3061, 87.9807, 94.9239

Tritanomaly

84.1508, 88.1009, 102.1925

Monochromacy



Original Color

82.2227, 88.1660, 94.3455

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.7801, 87.5526, 94.9744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.2227, 88.1660, 94.3455 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(236, 243, 239) looks like.

```
.text, #text, p{  
    color:rgb(236, 243, 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(236, 243, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 243, 239) }
```

Border

The CSS property to change the border of an element to XYZ 82.2227, 88.1660, 94.3455 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(236, 243, 239) }
```


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

```
.border{ border-color:rgb(236, 243, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 243, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 243, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 243, 239);  
box-shadow:4px 4px 4px 4px rgb(236, 243,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 82.2227, 88.1660, 94.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 243, 239) }
```

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

```
.background{ background-color: rgb(236,  
243, 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](#).

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