

Converting Colors

XYZ(82.0552, 89.3902, 95.7904)

Have a look what the booklet for
XYZ(82.0552, 89.3902, 95.7904)
contains.

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Color

**XYZ(82.1117, 89.4182,
96.1508)**

Conversions

Conversions Part 1

Format	Color
Hex	E8F6F1
RGB	232, 246, 241
RGB Percent	91%, 96%, 95%
CMY	0.0902, 0.0353, 0.0549
CMYK	0.06, 0.00, 0.02, 0.04
HSL	159°, 44%, 94%
HSV	159°, 6%, 96%
XYZ	82.1117, 89.4182, 96.1508
YIQ	241.2440, -6.7390, -4.5230

Conversions

Conversions Part 2

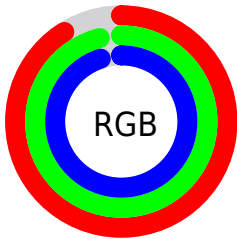
Format	Color
R _Y B	232, 241, 246
Decimal	15267569
CIE Lab	95.75, -5.50, 0.80
CIE LCh	96, 5.557, 171.704
Yxy	89.4182, 0.3068, 0.3340
Android (android.graphics.Color)	4293457649 (0xFFE8F6F1)
YUV	241.2440, -0.1203, -8.1070
Hunter-Lab	94.5612, -10.4826, 5.9062

Details

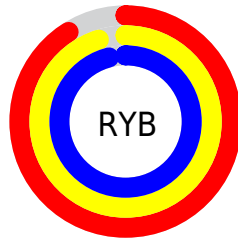
The XYZ color **82.1117, 89.4182, 96.1508** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.1520, 83.4229, 91.8975**, and the grayscale version is **83.8081, 88.1727, 96.0200**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0749, 49.5598, 53.0892** is the 20% darker color. If you saturate the color by 10%, you get **73.3974, 85.0764, 89.0545**, and if you desaturate by 10%, it is **91.4202, 94.0640, 103.6094**.

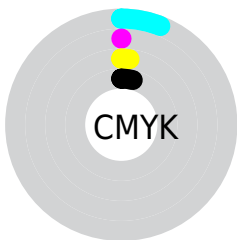
Distribution



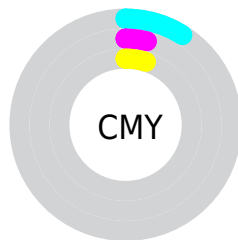
- Red (91%)
- Green (96%)
- Blue (95%)



- Red (91%)
- Yellow (95%)
- Blue (96%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)



- Cyan (9%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.1117, 89.4182, 96.1508 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 82.1117, 89.4182, 96.1508 by changing the saturation by 10% instead.

82.1117, 89.4182,
96.1508

82.1117, 89.4182,
96.1508

490.6501,
526.1365, 568.9208

61.7720, 67.4982,
72.4910

135.2656,
146.5300, 157.8628

45.1034, 49.4896,
53.0706

168.8106,
182.4906, 196.7520

31.7405, 35.0080,
37.4710

207.4881,
223.9001, 241.5547

21.3180, 23.6691,
25.2737

251.6634,
271.1431, 292.6896

13.4704, 15.0883,
16.0602

301.7019,
324.6038, 350.5751

7.8325, 8.8814,
9.4120

357.9689,

4.0388, 4.6639,

384.6666, 415.6298

4.9104

420.8299,
451.7161, 488.2722

■ 1.7241, 2.0514,
2.1370

■ 0.4713, 0.6371,
0.6376

■ 82.1117, 89.4182,
96.1508

■ 82.1117, 89.4182,
96.1508

■ 73.3974, 85.0764,
89.0545

■ 91.4202, 94.0640,
103.6094

■ 65.8147, 81.3082,
82.3355

■ 92.2475, 94.3949,
107.9658

■ 59.3158, 78.0917,
75.9886

■ 53.8465, 75.3989,
70.0066

■ 49.3479, 73.1996,
64.3817

■ 45.7546, 71.4602,
59.1059

■ 42.9931, 70.1430,
54.1705

■ 40.9775, 69.2038,
49.5662

■ 39.6020, 68.5880,
45.2825

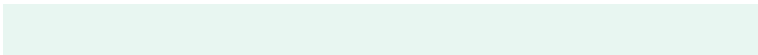
Harmonies

Analogous

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



82.7016, 89.4182, 92.2333



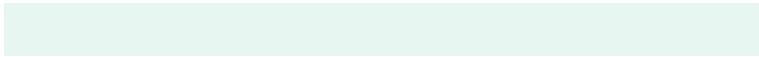
82.1117, 89.4182, 96.1508



82.2855, 89.4182, 100.5100

Triad

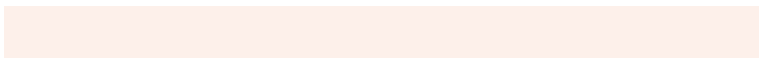
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.1117, 89.4182, 96.1508



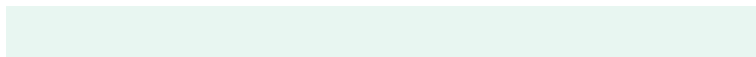
86.0818, 89.4182, 105.3998



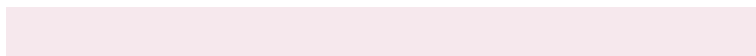
86.8253, 89.4182, 90.8982

Complementary

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



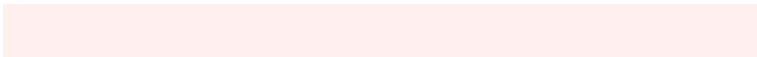
82.1117, 89.4182, 96.1508



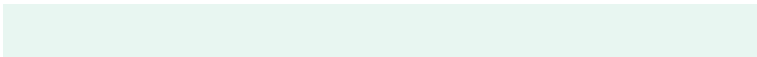
82.1520, 83.4229, 91.8975

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.



87.7517, 89.4182, 94.2789



82.1117, 89.4182, 96.1508



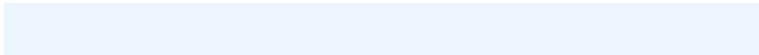
87.3188, 89.4182, 102.6758

Square

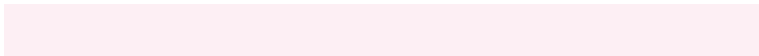
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



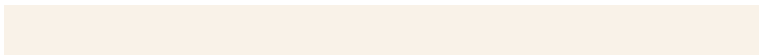
82.1117, 89.4182, 96.1508



84.5656, 89.4182, 105.9375



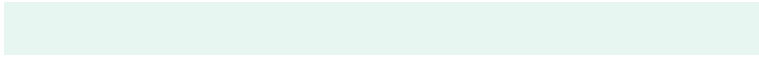
87.9334, 89.4182, 98.5818



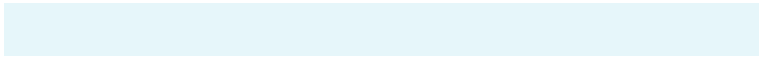
85.4144, 89.4182, 89.2608

Rectangle

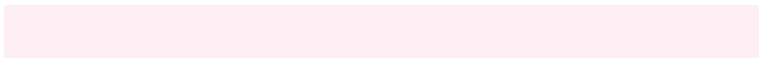
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



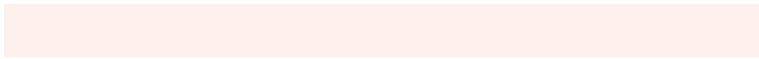
82.1117, 89.4182, 96.1508



82.8121, 89.4182, 103.0740



87.9334, 89.4182, 98.5818



87.2044, 89.4182, 91.8636

Sweetspot

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



82.1142, 89.4220, 96.1528



92.9065, 98.9287, 107.2754



82.4939, 89.7692, 89.3247



19.9083, 21.1860, 22.9785



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

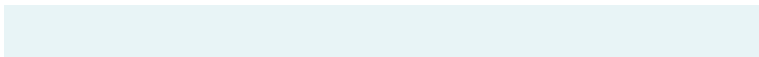
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.1142, 89.4220, 96.1528



87.7751, 96.3663, 103.2879



82.3071, 88.5950, 99.9557



17.0923, 18.8318, 20.1557



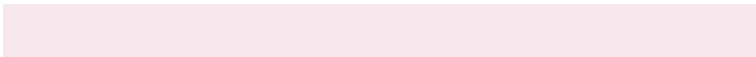
20.9586, 36.5283, 23.5994



1.8910, 3.2300, 2.3317

Inverse Universe

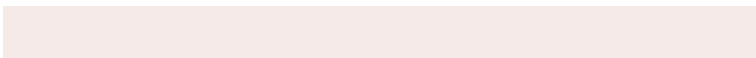
The Inverse Universe completely reimagines the original color for something new.



82.1520, 83.4229, 91.8975



87.8252, 88.4183, 97.6503



81.9593, 84.1912, 88.2762



17.1029, 17.1533, 18.9651



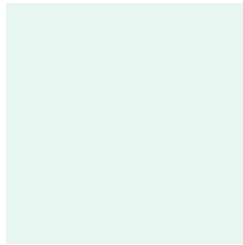
21.2848, 10.8574, 6.2081



1.9179, 0.9731, 0.7941

Previews

White Background



This preview shows how the XYZ color 82.1117, 89.4182, 96.1508 looks on a white background.

Color Contrast Check

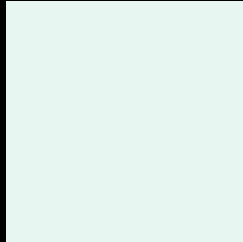
Large Text (above 18pt) WCAG AA × Fail

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 82.1117, 89.4182, 96.1508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

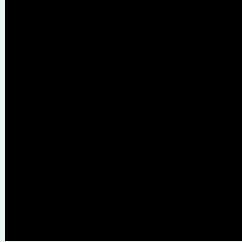
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

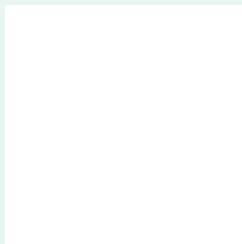
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.1117, 89.4182, 96.1508

Background



This preview shows how black text looks on a background with the XYZ color 82.1117, 89.4182, 96.1508.



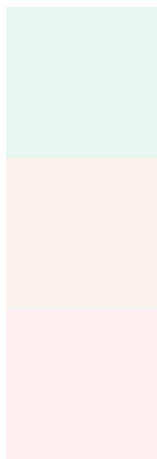
This preview shows how white text looks on a background with the XYZ color 82.1117, 89.4182,

96.1508.

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

82.1117, 89.4182, 96.1508

Protanopia

85.5993, 89.0401, 93.5638

Deuteranopia

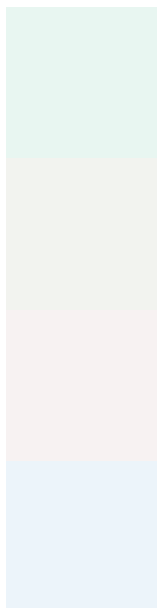
88.2842, 89.4641, 97.4092



Tritanopia

85.3605, 89.4983, 107.3837

Trichromacy



Original Color

82.1117, 89.4182, 96.1508

Protanomaly

84.2485, 89.2104, 94.4403

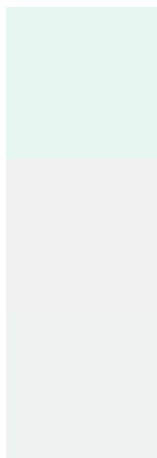
Deuteranomaly

86.1369, 89.6892, 96.7762

Tritanomaly

84.1981, 89.4364, 103.2677

Monochromacy



Original Color

82.1117, 89.4182, 96.1508

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.1877, 88.6292, 95.9418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.1117, 89.4182, 96.1508 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(232, 246, 241) looks like.

```
.text, #text, p{  
    color:rgb(232, 246, 241)  
}
```

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(232, 246, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 246, 241) }
```

Border

The CSS property to change the border of an element to XYZ 82.1117, 89.4182, 96.1508 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(232, 246, 241) }
```


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

```
.border{ border-color:rgb(232, 246, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 246, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 246, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 246, 241);  
box-shadow:4px 4px 4px 4px rgb(232, 246,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 82.1117, 89.4182, 96.1508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 246, 241) }
```

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

```
.background{ background-color: rgb(232,  
246, 241) }
```

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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