

Converting Colors

XYZ(86.2457, 92.8631,
101.4099)

Have a look what the booklet for
XYZ(86.2457, 92.8631, 101.4099)
contains.

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Color

**XYZ(86.2608, 92.8175,
101.3648)**

Conversions

Conversions Part 1

Format	Color
Hex	EFF9F7
RGB	239, 249, 247
RGB Percent	94%, 98%, 97%
CMY	0.0627, 0.0235, 0.0314
CMYK	0.04, 0.00, 0.01, 0.02
HSL	168°, 45%, 96%
HSV	168°, 4%, 98%
XYZ	86.2608, 92.8175, 101.3648
YIQ	245.7820, -5.3180, -2.7420

Conversions

Conversions Part 2

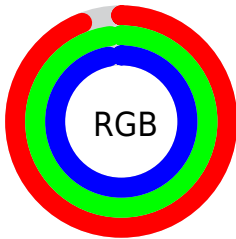
Format	Color
R _Y B	239, 245, 249
Decimal	15727095
CIE Lab	97.15, -3.64, -0.19
CIE LCh	97, 3.643, 183.058
Yxy	92.8175, 0.3076, 0.3310
Android (android.graphics.Color)	4293917175 (0xFFEFF9F7)
YUV	245.7820, 0.6005, -5.9478
Hunter-Lab	96.3418, -8.7761, 5.0581

Details

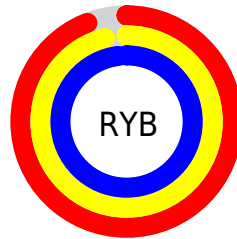
The XYZ color **86.2608, 92.8175, 101.3648** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **85.8141, 88.2261, 95.7301**, and the grayscale version is **87.4219, 91.9747, 100.1604**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.0024, 51.9688, 56.7912** is the 20% darker color. If you saturate the color by 10%, you get **77.6676, 88.4779, 96.9995**, and if you desaturate by 10%, it is **92.6865, 96.0425, 105.7400**.

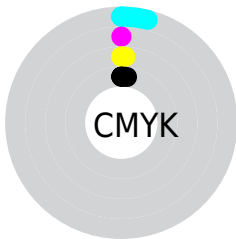
Distribution



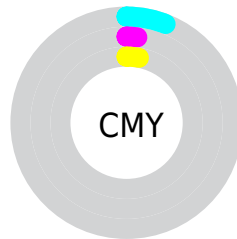
- Red (94%)
- Green (98%)
- Blue (97%)



- Red (94%)
- Yellow (96%)
- Blue (98%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (2%)



- Cyan (6%)
- Magenta (2%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.2608, 92.8175, 101.3648 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 86.2608, 92.8175, 101.3648 by changing the saturation by 10% instead.

86.2608, 92.8175,
101.3648

86.2608, 92.8175,
101.3648

504.2118,
537.1541, 585.8435

65.2096, 70.3198,
76.8176

141.0383,
151.2459, 165.0997

47.8964, 51.7873,
56.5925

175.4954,
187.9455, 205.1244

33.9558, 36.8356,
40.2710

215.1519,
230.1477, 251.1455

23.0224, 25.0802,
27.4345

260.3730,
278.2372, 303.5813

14.7308, 16.1368,
17.6645

311.5242,
332.5981, 362.8505

8.7158, 9.6210,
10.5424

368.9709,

4.6119, 5.1484,

393.6150, 429.3716

5.6498

433.0783,
461.6722, 503.5631

■ 2.0538, 2.3346,
2.5680

■ 0.6639, 0.7919,
0.8759

■ 86.2608, 92.8175,
101.3648

■ 86.2608, 92.8175,
101.3648

■ 77.6676, 88.4779,
96.9995

■ 92.6865, 96.0425,
105.7400

■ 70.2033, 84.7153,
92.7918

■ 93.1675, 96.2349,
108.2725

■ 63.8201, 81.5077,
88.7405

■ 58.4636, 78.8271,
84.8423

■ 54.0749, 76.6431,
81.0935

■ 50.5888, 74.9220,
77.4903

■ 47.9318, 73.6262,
74.0282

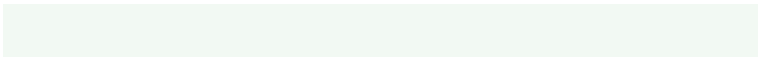
■ 46.0189, 72.7117,
70.7025

■ 44.7463, 72.1250,
67.5074

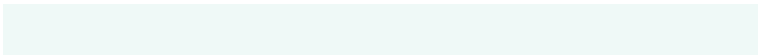
Harmonies

Analogous

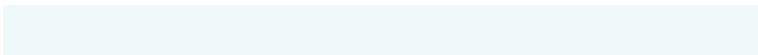
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.4696, 92.8175, 98.5188



86.2608, 92.8175, 101.3648



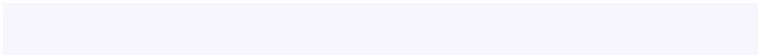
86.5737, 92.8175, 104.1825

Triad

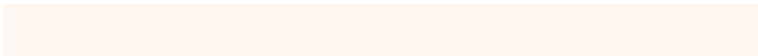
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.2608, 92.8175, 101.3648



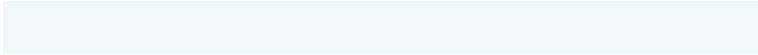
89.3030, 92.8175, 105.8824



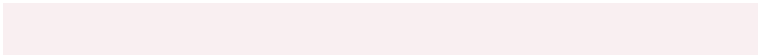
89.1190, 92.8175, 96.0987

Complementary

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



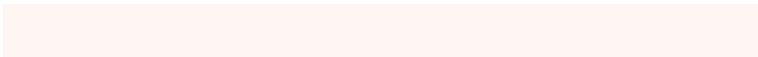
86.2608, 92.8175, 101.3648



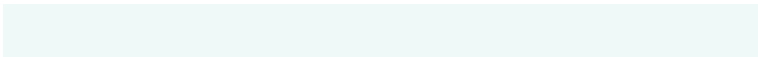
85.8141, 88.2261, 95.7301

Split Complementary

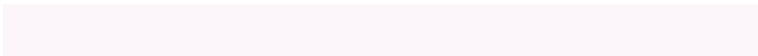
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.8876, 92.8175, 98.0054



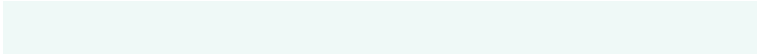
86.2608, 92.8175, 101.3648



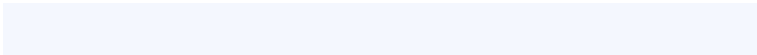
89.9944, 92.8175, 103.6496

Square

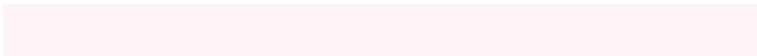
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.2608, 92.8175, 101.3648



88.3257, 92.8175, 106.8223



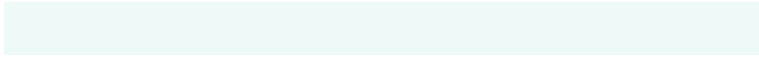
90.2091, 92.8175, 100.7608



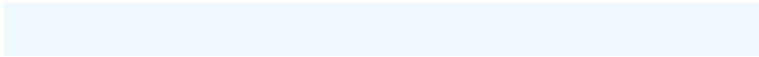
88.1148, 92.8175, 95.5135

Rectangle

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



86.2608, 92.8175, 101.3648



87.0374, 92.8175, 105.6555



90.2091, 92.8175, 100.7608



89.4138, 92.8175, 96.6045

Sweetspot

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



86.2634, 92.8215, 101.3668



94.0359, 99.4867, 108.4238



85.7912, 92.7176, 95.0374



20.1382, 21.2997, 23.2122



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

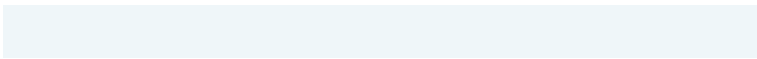
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.2634, 92.8215, 101.3668



90.1053, 97.4981, 106.5363



85.7049, 91.2067, 102.7148



18.3277, 19.9093, 21.7632



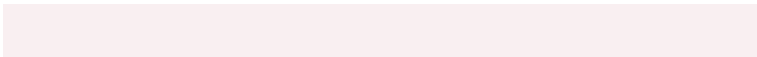
23.7108, 38.4973, 35.4161



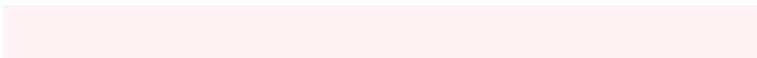
2.2326, 3.5801, 3.4725

Inverse Universe

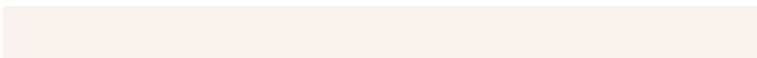
The Inverse Universe completely reimagines the original color for something new.



85.8141, 88.2261, 95.7301



89.5181, 91.4938, 99.1715



86.3526, 89.7797, 94.4407



18.1914, 18.5154, 20.0536



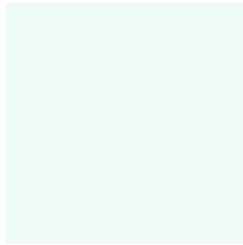
21.2586, 10.9191, 2.8041



2.0048, 1.0256, 0.4485

Previews

White Background



This preview shows how the XYZ color 86.2608, 92.8175, 101.3648 looks on a white background.

Color Contrast Check

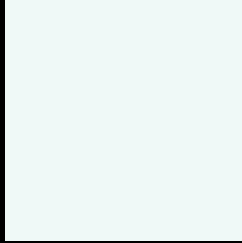
Large Text (above 18pt) WCAG AA × Fail

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 86.2608, 92.8175, 101.3648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

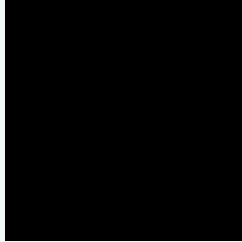
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

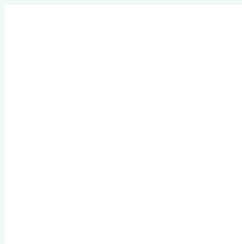
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.2608, 92.8175, 101.3648

Background



This preview shows how black text looks on a background with the XYZ color 86.2608, 92.8175, 101.3648.



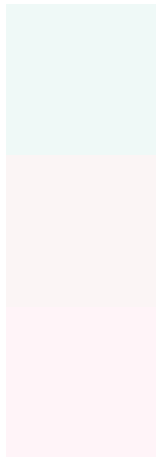
This preview shows how white text looks on a background with the XYZ color 86.2608, 92.8175,

101.3648.

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

86.2608, 92.8175, 101.3648

Protanopia

88.9175, 92.4066, 99.5360

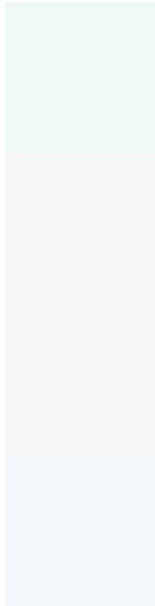
Deuteranopia

90.5340, 92.7387, 101.9356

Tritanopia

88.6620, 92.5440, 107.7975

Trichromacy



Original Color

86.2608, 92.8175, 101.3648

Protanomaly

87.9481, 92.3395, 100.3767

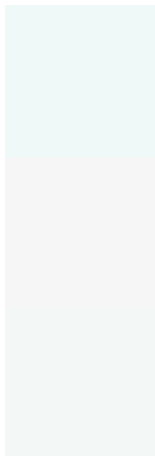
Deuteranomaly

88.9660, 92.8286, 102.0356

Tritanomaly

87.7936, 92.6045, 105.3427

Monochromacy



Original Color

86.2608, 92.8175, 101.3648

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

86.8575, 92.2300, 100.4131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.2608, 92.8175, 101.3648 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(239, 249, 247) looks like.

```
.text, #text, p{  
    color:rgb(239, 249, 247)  
}
```

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(239, 249, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 249, 247) }
```

Border

The CSS property to change the border of an element to XYZ 86.2608, 92.8175, 101.3648 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(239, 249, 247) }
```


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

```
.border{ border-color:rgb(239, 249, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 249, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 249, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 249, 247); box-shadow:4px 4px 4px 4px rgb(239, 249, 247) }
```

Background

The CSS property to change the background color of an element to XYZ 86.2608, 92.8175, 101.3648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 249, 247) }
```

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

```
.background{ background-color: rgb(239,  
249, 247) }
```

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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