

Converting Colors

XYZ(88.6458, 95.8219,
101.8328)

Have a look what the booklet for
XYZ(88.6458, 95.8219, 101.8328)
contains.

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Color

**XYZ(88.5317, 95.8432,
101.8292)**

Conversions

Conversions Part 1

Format	Color
Hex	F2FDF7
RGB	242, 253, 247
RGB Percent	95%, 99%, 97%
CMY	0.0510, 0.0078, 0.0314
CMYK	0.04, 0.00, 0.02, 0.01
HSL	147°, 73%, 97%
HSV	147°, 4%, 99%
XYZ	88.5317, 95.8432, 101.8292
YIQ	249.0270, -4.6300, -4.1980

Conversions

Conversions Part 2

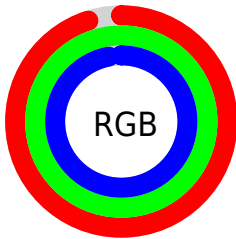
Format	Color
R _Y B	242, 250, 253
Decimal	15924727
CIE Lab	98.37, -4.67, 1.61
CIE LCh	98, 4.938, 161.031
Yxy	95.8432, 0.3093, 0.3349
Android (android.graphics.Color)	4294114807 (0xFFFF2FDF7)
YUV	249.0270, -0.9993, -6.1627
Hunter-Lab	97.8995, -9.9046, 6.8598

Details

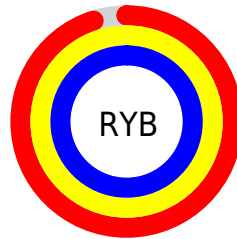
The XYZ color 88.5317, 95.8432, 101.8292 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.2069, 91.1666, 101.7067, and the grayscale version is 90.0777, 94.7688, 103.2032.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.3936, 53.6805, 57.0483 is the 20% darker color. If you saturate the color by 10%, you get 78.3898, 90.8547, 90.6441, and if you desaturate by 10%, it is 94.4171, 98.7343, 108.6890.

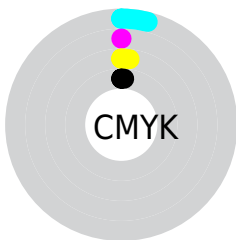
Distribution



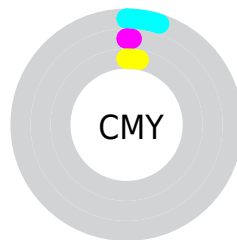
- Red (95%)
- Green (99%)
- Blue (97%)



- Red (95%)
- Yellow (98%)
- Blue (99%)



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





- Cyan (5%)
- Magenta (1%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.5317, 95.8432, 101.8292 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 88.5317, 95.8432, 101.8292 by changing the saturation by 10% instead.


 88.5317, 95.8432,
101.8292

 88.5317, 95.8432,
101.8292


511.5522,
546.8609, 587.3382

 67.0957, 72.8370,
77.2037

144.1859,
155.4290, 165.7424

 49.4334, 53.8427,
56.9075


179.1349,
192.7774, 205.8672

 35.1794, 38.4759,
40.5221


219.3189,
235.6752, 251.9954

 23.9682, 26.3522,
27.6290

265.1033,
284.5070, 304.5457

 15.4347, 17.0873,
17.8096

316.8535,
339.6570, 363.9366

 9.2133, 10.2968,
10.6453

374.9348,

 4.9388, 5.5962,

401.5098, 430.5866

5.7177

439.7126,
470.4496, 504.9143

■ 2.2458, 2.6011,
2.6082

■ 0.7667, 0.9272,
0.8967

■ 88.5317, 95.8432,
101.8292

■ 88.5317, 95.8432,
101.8292

■ 78.3898, 90.8547,
90.6441

94.4171, 98.7343,
108.6890

■ 69.5519, 86.5178,
80.3236

■ 61.9647, 82.8083,
70.8490

■ 55.5682, 79.6956,
62.1985

■ 50.2971, 77.1466,
54.3494

■ 46.0797, 75.1246,
47.2776

■ 42.8354, 73.5886,
40.9582

■ 40.4711, 72.4911,
35.3641

■ 38.8733, 71.7742,
30.4666

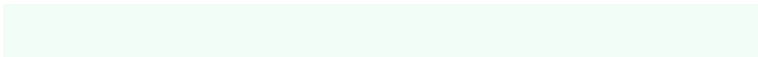
Harmonies

Analogous

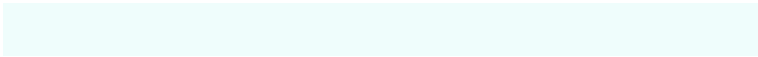
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.3108, 95.8432, 98.5538



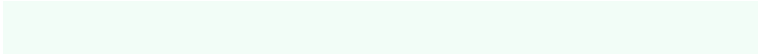
88.5317, 95.8432, 101.8292



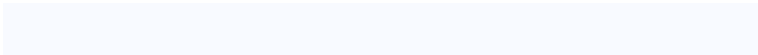
88.4355, 95.8432, 105.8642

Triad

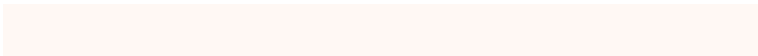
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.5317, 95.8432, 101.8292



91.6209, 95.8432, 112.2428



93.1768, 95.8432, 99.2944

Complementary

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



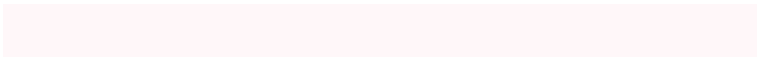
88.5317, 95.8432, 101.8292



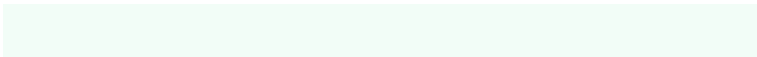
89.2069, 91.1666, 101.7067

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.



93.8095, 95.8432, 102.8640



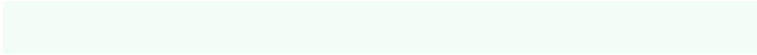
88.5317, 95.8432, 101.8292



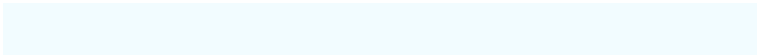
92.9050, 95.8432, 110.3835

Square

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



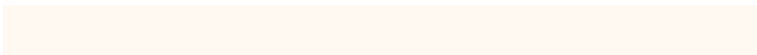
88.5317, 95.8432, 101.8292



90.2091, 95.8432, 111.9481



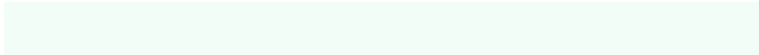
93.7095, 95.8432, 106.9262



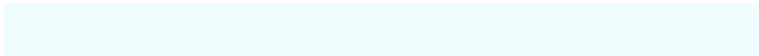
91.9888, 95.8432, 97.1169

Rectangle

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



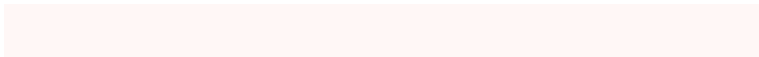
88.5317, 95.8432, 101.8292



88.7704, 95.8432, 108.4509



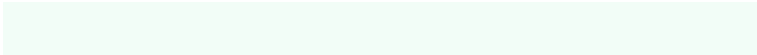
93.7095, 95.8432, 106.9262



93.4620, 95.8432, 100.3674

Sweetspot

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



88.5344, 95.8473, 101.8313



93.8948, 99.4303, 107.6809



89.8849, 96.6315, 97.9199



20.1095, 21.2882, 23.0610



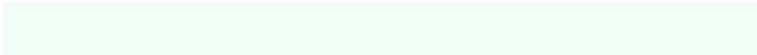
0.0000, 0.0000, 0.0000



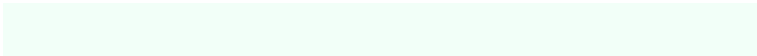
20.3446, 21.4041, 23.3091

Same Dimension

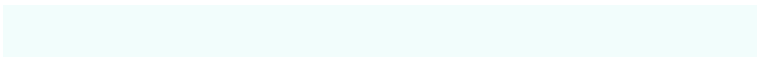
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.5344, 95.8473, 101.8313



89.4139, 97.2215, 102.8954



89.3886, 96.1890, 106.3295



18.9747, 20.7288, 21.8471



20.4017, 38.0573, 15.2665



2.0407, 3.7272, 1.7722

Inverse Universe

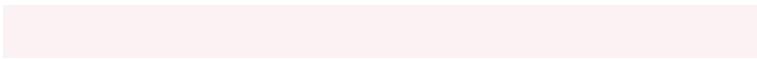
The Inverse Universe completely reimagines the original color for something new.



89.2069, 91.1666, 101.7067



90.1977, 91.7656, 102.7501



88.3728, 90.8330, 97.3143



19.1651, 19.4032, 21.8118



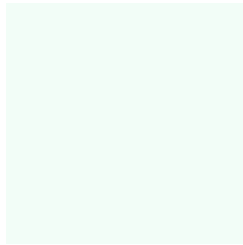
24.0652, 12.1154, 14.2595



2.3983, 1.2017, 1.6788

Previews

White Background



This preview shows how the XYZ color 88.5317, 95.8432, 101.8292 looks on a white background.

Color Contrast Check

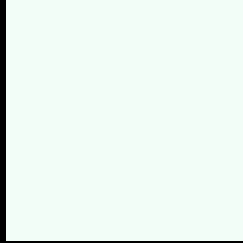
Large Text (above 18pt) WCAG AA × Fail

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 88.5317, 95.8432, 101.8292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

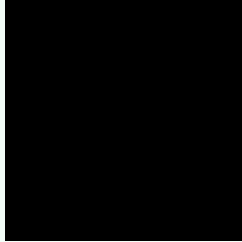
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

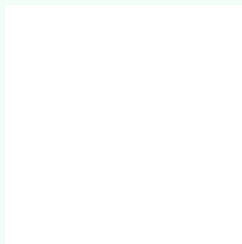
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.5317, 95.8432, 101.8292

Background



This preview shows how black text looks on a background with the XYZ color 88.5317, 95.8432, 101.8292.



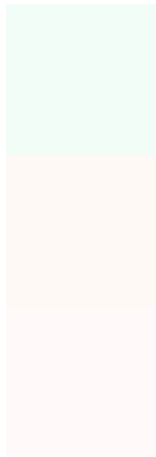
This preview shows how white text looks on a background with the XYZ color 88.5317, 95.8432,

101.8292.

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

88.5317, 95.8432, 101.8292

Protanopia

91.5971, 95.6039, 100.0119

Deuteranopia

92.3710, 95.9135, 104.0872

Tritanopia

91.3025, 95.7310, 108.2735

Trichromacy



Original Color

88.5317, 95.8432, 101.8292

Protanomaly

90.2445, 95.3490, 100.8366

Deuteranomaly

90.7088, 95.5348, 103.2817

Tritanomaly

90.0739, 95.6155, 105.8037

Monochromacy



Original Color

88.5317, 95.8432, 101.8292

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.1349, 94.7414, 102.3959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.5317, 95.8432, 101.8292 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(242, 253, 247)` looks like.

```
.text, #text, p{  
    color:rgb(242, 253, 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(242, 253, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 253, 247) }
```

Border

The CSS property to change the border of an element to XYZ 88.5317, 95.8432, 101.8292 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(242, 253, 247) }
```


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

```
.border{ border-color:rgb(242, 253, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 253, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 253, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 253, 247);  
box-shadow:4px 4px 4px 4px rgb(242, 253,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 88.5317, 95.8432, 101.8292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 253, 247) }
```

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

```
.background{ background-color: rgb(242,  
253, 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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