

Converting Colors

XYZ(88.1689, 95.0298,
101.7765)

Have a look what the booklet for
XYZ(88.1689, 95.0298, 101.7765)
contains.

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Color

**XYZ(88.2169, 95.2135,
101.7242)**

Conversions

Conversions Part 1

Format	Color
Hex	F2FCF7
RGB	242, 252, 247
RGB Percent	95%, 99%, 97%
CMY	0.0510, 0.0117, 0.0314
CMYK	0.04, 0.00, 0.02, 0.01
HSL	150°, 63%, 97%
HSV	150°, 4%, 99%
XYZ	88.2169, 95.2135, 101.7242
YIQ	248.4400, -4.3550, -3.6750

Conversions

Conversions Part 2

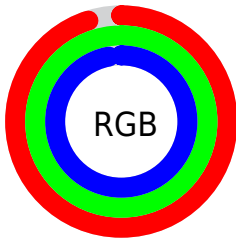
Format	Color
R _Y B	242, 249, 252
Decimal	15924471
CIE Lab	98.12, -4.17, 1.24
CIE LCh	98, 4.348, 163.435
Yxy	95.2135, 0.3094, 0.3339
Android (android.graphics.Color)	4294114551 (0xFF F2FC F7)
YUV	248.4400, -0.7099, -5.6479
Hunter-Lab	97.5774, -9.3838, 6.4945

Details

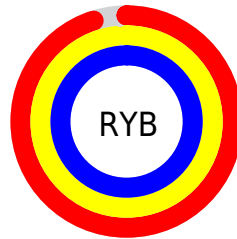
The XYZ color 88.2169, 95.2135, 101.7242 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.6891, 90.9176, 100.8749, and the grayscale version is 89.5937, 94.2596, 102.6487.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.1688, 53.2309, 56.9733 is the 20% darker color. If you saturate the color by 10%, you get 78.2768, 90.3091, 91.4465, and if you desaturate by 10%, it is 94.1022, 98.1045, 108.5841.

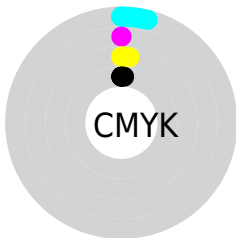
Distribution



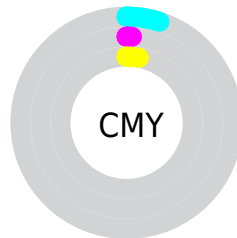
- Red (95%)
- Green (99%)
- Blue (97%)



- 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 88.2169, 95.2135, 101.7242 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 88.2169, 95.2135, 101.7242 by changing the saturation by 10% instead.


 88.2169, 95.2135,
101.7242

 88.2169, 95.2135,
101.7242

510.5380,
544.8482, 587.0004

 66.8341, 72.3127,
77.1164


143.7501,
154.5595, 165.5971

 49.2200, 53.4141,
56.8363


178.6312,
191.7735, 205.6993

 35.0093, 38.1335,
40.4653

218.7424,
234.5274, 251.8033

 23.8366, 26.0863,
27.5850

264.4491,
283.2055, 304.3278

 15.3365, 16.8882,
17.7767

316.1167,
338.1922, 363.6912

 9.1438, 10.1548,
10.6220

374.1104,

 4.8929, 5.5017,

399.8720, 430.3120

5.7023

438.7958,
468.6292, 504.6089

■ 2.2187, 2.5445,
2.5991

■ 0.7526, 0.8989,
0.8920

■ 88.2169, 95.2135,
101.7242

■ 88.2169, 95.2135,
101.7242

■ 78.2768, 90.3091,
91.4465

■ 94.1022, 98.1045,
108.5841

■ 69.6063, 86.0416,
81.8994

■ 62.1537, 82.3874,
73.0685

■ 55.8607, 79.3167,
64.9368

■ 50.6636, 76.7970,
57.4864

■ 46.4927, 74.7928,
50.6988

■ 43.2695, 73.2638,
44.5542

■ 40.9034, 72.1639,
39.0318

■ 39.2844, 71.4365,
34.1091

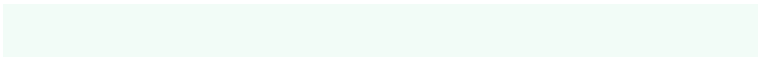
Harmonies

Analogous

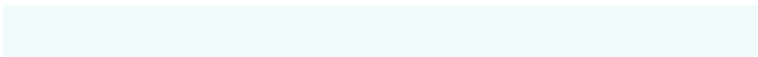
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8577, 95.2135, 98.7604



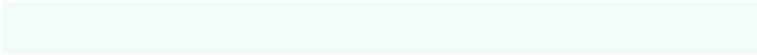
88.2169, 95.2135, 101.7242



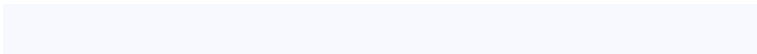
88.1835, 95.2135, 105.2763

Triad

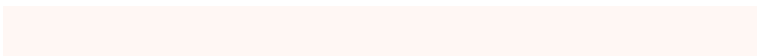
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.2169, 95.2135, 101.7242



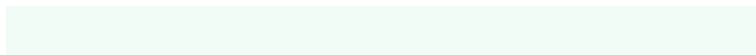
91.0563, 95.2135, 110.5005



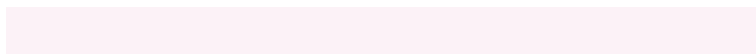
92.2514, 95.2135, 99.0177

Complementary

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



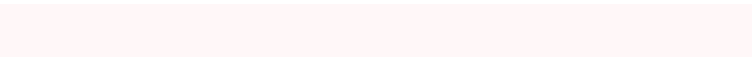
88.2169, 95.2135, 101.7242



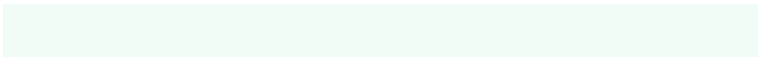
88.6891, 90.9176, 100.8749

Split Complementary

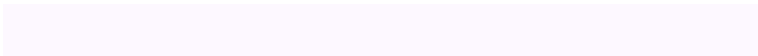
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.8517, 95.2135, 102.0828



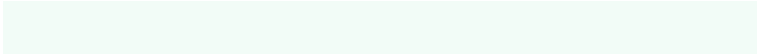
88.2169, 95.2135, 101.7242



92.1575, 95.2135, 108.7424

Square

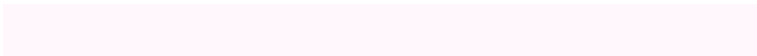
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



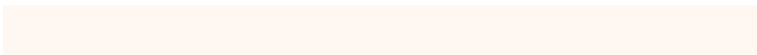
88.2169, 95.2135, 101.7242



89.8151, 95.2135, 110.3992



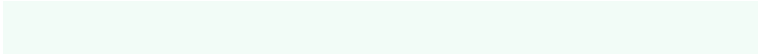
92.8172, 95.2135, 105.6431



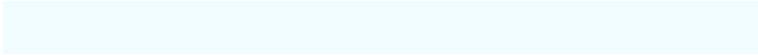
91.1835, 95.2135, 97.2225

Rectangle

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



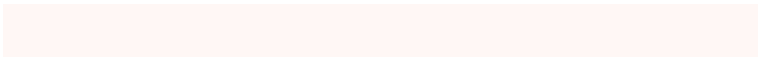
88.2169, 95.2135, 101.7242



88.5097, 95.2135, 107.5043



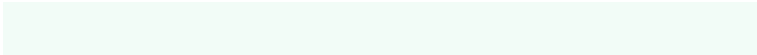
92.8172, 95.2135, 105.6431



92.5150, 95.2135, 99.9305

Sweetspot

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



88.2196, 95.2176, 101.7263



93.9133, 99.4377, 107.7784



89.2575, 95.8406, 97.8005



20.1133, 21.2897, 23.0809



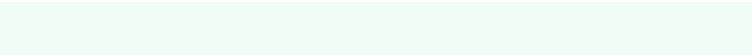
0.0000, 0.0000, 0.0000



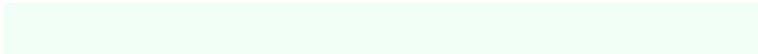
20.3446, 21.4041, 23.3091

Same Dimension

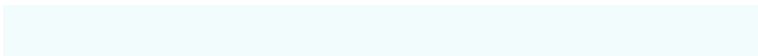
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.2196, 95.2176, 101.7263



89.5038, 97.2575, 103.3693



88.9760, 95.5201, 105.7096



18.1879, 19.8533, 21.0270



20.1675, 37.0800, 16.7573



1.9214, 3.4556, 1.8337

Inverse Universe

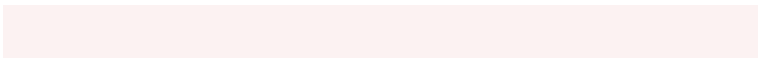
The Inverse Universe completely reimagines the original color for something new.



88.6891, 90.9176, 100.8749



90.1074, 91.7295, 102.2747



87.9520, 90.6228, 96.9936



18.3280, 18.5701, 20.7729



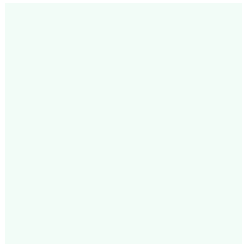
22.9498, 11.5956, 11.7100



2.1790, 1.0954, 1.3663

Previews

White Background



This preview shows how the XYZ color 88.2169, 95.2135, 101.7242 looks on a white background.

Color Contrast Check

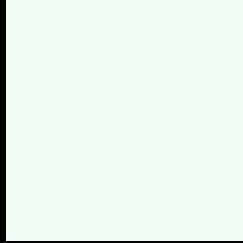
Large Text (above 18pt) WCAG AA × Fail

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 88.2169, 95.2135, 101.7242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

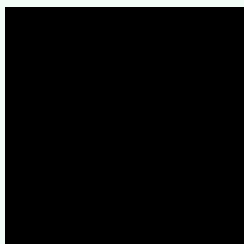
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

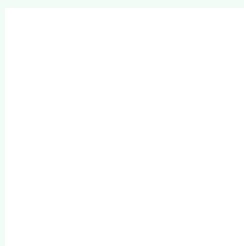
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.2169, 95.2135, 101.7242

Background



This preview shows how black text looks on a background with the XYZ color 88.2169, 95.2135, 101.7242.



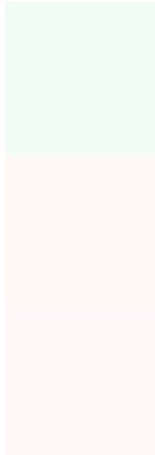
This preview shows how white text looks on a background with the XYZ color 88.2169, 95.2135,

101.7242.

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

88.2169, 95.2135, 101.7242

Protanopia

91.2888, 94.9874, 99.9092

Deuteranopia

91.9063, 95.2344, 103.1606

Tritanopia

90.6371, 94.9278, 108.1536

Trichromacy



Original Color

88.2169, 95.2135, 101.7242

Protanomaly

89.9346, 94.7292, 100.7333

Deuteranomaly

90.2433, 94.8527, 102.3590

Tritanomaly

89.7623, 94.9923, 105.6998

Monochromacy



Original Color

88.2169, 95.2135, 101.7242

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.8250, 94.1215, 102.2926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.2169, 95.2135, 101.7242 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, 252, 247) looks like.

```
.text, #text, p{  
    color:rgb(242, 252, 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, 252, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 252, 247) }
```

Border

The CSS property to change the border of an element to XYZ 88.2169, 95.2135, 101.7242 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, 252, 247) }
```


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

```
.border{ border-color:rgb(242, 252, 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, 252, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 252, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 252, 247);  
box-shadow:4px 4px 4px 4px rgb(242, 252,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 88.2169, 95.2135, 101.7242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 252, 247) }
```

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

```
.background{ background-color: rgb(242,  
252, 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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