

Converting Colors

XYZ(88.6719, 94.7466,
107.0211)

Have a look what the booklet for
XYZ(88.6719, 94.7466, 107.0211)
contains.

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Color

**XYZ(88.6622, 94.8509,
107.4010)**

Conversions

Conversions Part 1

Format	Color
Hex	F1FBFE
RGB	241, 251, 254
RGB Percent	95%, 98%, 100%
CMY	0.0549, 0.0157, 0.0039
CMYK	0.05, 0.01, 0.00, 0.00
HSL	194°, 87%, 97%
HSV	194°, 5%, 100%
XYZ	88.6622, 94.8509, 107.4010
YIQ	248.3520, -6.9230, -1.1870

Conversions

Conversions Part 2

Format	Color
R _Y B	241, 247, 254
Decimal	15858686
CIE Lab	97.97, -2.72, -2.58
CIE LCh	98, 3.752, 223.477
Yxy	94.8509, 0.3048, 0.3260
Android (android.graphics.Color)	4294048766 (0xFFFF1FBFE)
YUV	248.3520, 2.7845, -6.4477
Hunter-Lab	97.3914, -7.9340, 2.7904

Details

The XYZ color 88.6622, 94.8509, 107.4010 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.1012, 92.1222, 96.3058, and the grayscale version is 89.4954, 94.1561, 102.5360.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.6007, 53.3757, 60.5116 is the 20% darker color. If you saturate the color by 10%, you get 78.7894, 87.0910, 106.4250, and if you desaturate by 10%, it is 94.8897, 99.9359, 108.0557.

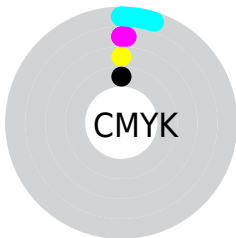
Distribution



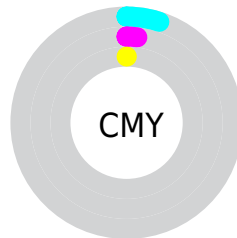
- Red (95%)
- Green (98%)
- Blue (100%)



- Red (95%)
- Yellow (97%)
- Blue (100%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.6622, 94.8509, 107.4010 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 88.6622, 94.8509, 107.4010 by changing the saturation by 10% instead.

88.6622, 94.8509,
107.4010

88.6622, 94.8509,
107.4010

511.9724,
543.6875, 605.1174

67.2042, 72.0109,
81.8444

144.3665,
154.0586, 173.4315

49.5219, 53.1676,
60.7022

179.3436,
191.1951, 214.7426

35.2499, 37.9366,
43.5559

219.5578,
233.8658, 262.1421

24.0229, 25.9335,
29.9869

265.3744,
282.4553, 316.0488

15.4754, 16.7739,
19.5767

317.1588,
337.3477, 376.8812

9.2422, 10.0734,
11.9067

375.2764,

4.9579, 5.4476,

398.9277, 445.0577

6.5584

440.0924,
467.5795, 520.9969

■ 2.2571, 2.5122,
3.1133

■ 0.7726, 0.8828,
1.1528

■ 88.6622, 94.8509,
107.4010

■ 88.6622, 94.8509,
107.4010

■ 78.7894, 87.0910,
106.4250

94.8897, 99.9359,
108.0557

■ 70.1291, 80.0367,
105.5198

■ 62.6303, 73.6637,
104.6849

■ 56.2351, 67.9412,
103.9175

■ 50.8807, 62.8362,
103.2143

■ 46.4972, 58.3118,
102.5720

■ 43.0062, 54.3269,
101.9869

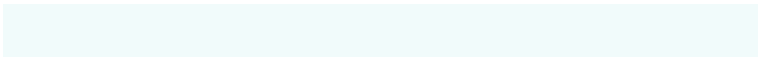
■ 40.3162, 50.8333,
101.4543

■ 38.3146, 47.7723,
100.9690

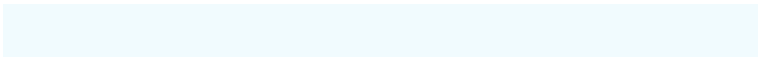
Harmonies

Analogous

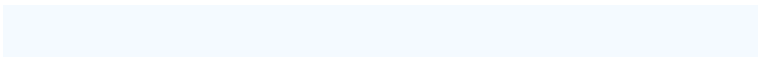
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.1589, 94.8509, 104.6615



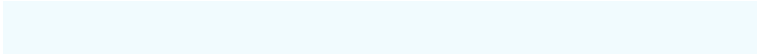
88.6622, 94.8509, 107.4010



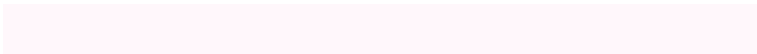
89.5667, 94.8509, 109.0529

Triad

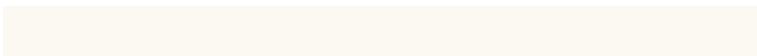
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.6622, 94.8509, 107.4010



92.1480, 94.8509, 104.9682



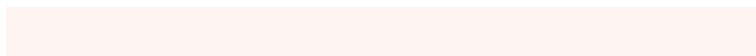
89.6723, 94.8509, 97.6294

Complementary

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



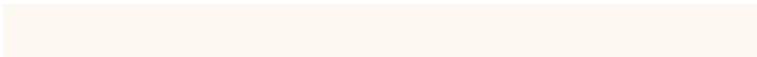
88.6622, 94.8509, 107.4010



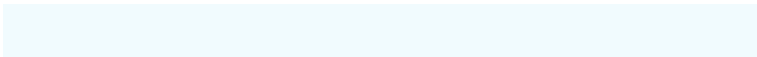
89.1012, 92.1222, 96.3058

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.



90.7417, 94.8509, 97.7078



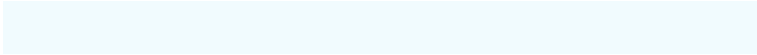
88.6622, 94.8509, 107.4010



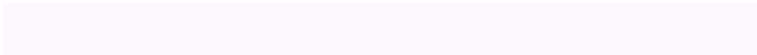
92.1768, 94.8509, 101.9038

Square

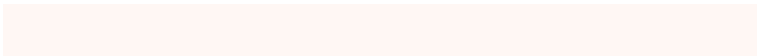
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.6622, 94.8509, 107.4010



91.5818, 94.8509, 107.6294



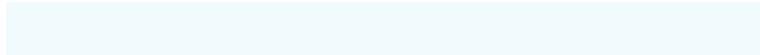
91.6603, 94.8509, 99.2590



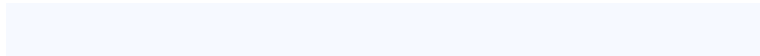
88.7390, 94.8509, 99.0426

Rectangle

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



88.6622, 94.8509, 107.4010



90.2783, 94.8509, 109.2951



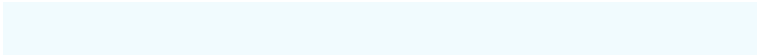
91.6603, 94.8509, 99.2590



90.0277, 94.8509, 97.4830

Sweetspot

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



88.6649, 94.8549, 107.4031



92.8247, 98.2979, 108.6887



88.0202, 96.1065, 99.3548



19.8916, 21.0577, 23.2661



0.0000, 0.0000, 0.0000



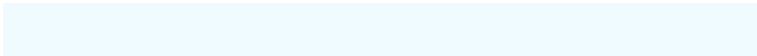
20.3446, 21.4041, 23.3091

Same Dimension

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



88.6649, 94.8549, 107.4031



88.5288, 94.9836, 108.2754



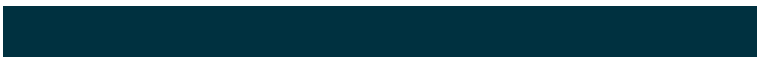
86.7232, 90.9714, 106.7558



18.8028, 20.2170, 23.1612



19.8923, 24.6942, 53.1526



2.0191, 2.5688, 5.2027

Inverse Universe

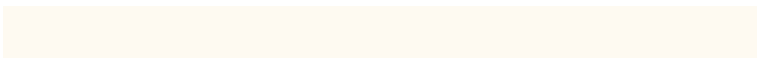
The Inverse Universe completely reimagines the original color for something new.



89.7430, 90.9483, 104.0963



89.7993, 90.3986, 104.3747



91.0358, 95.9914, 96.9506



19.1035, 19.1352, 22.2374



26.8289, 13.2209, 28.8132



2.6537, 1.3039, 3.0240

Previews

White Background



This preview shows how the XYZ color 88.6622, 94.8509, 107.4010 looks on a white background.

Color Contrast Check

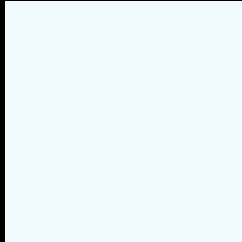
Large Text (above 18pt) WCAG AA × Fail

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 88.6622, 94.8509, 107.4010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

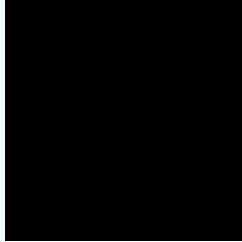
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

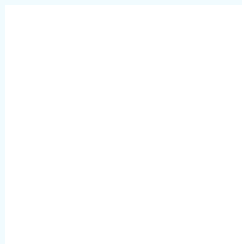
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.6622, 94.8509, 107.4010

Background



This preview shows how black text looks on a background with the XYZ color 88.6622, 94.8509, 107.4010.

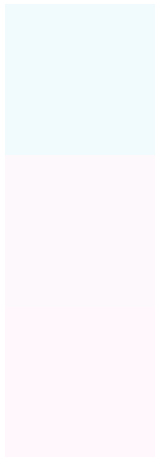


This preview shows how white text looks on a background with the XYZ color 88.6622, 94.8509,

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

88.6622, 94.8509, 107.4010

Protanopia

91.2830, 94.8585, 105.5939

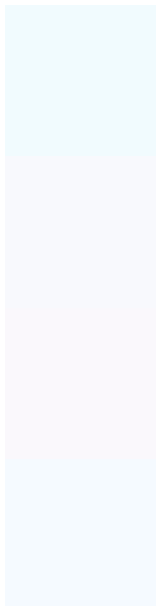
Deuteranopia

91.9134, 94.7466, 104.7103

Tritanopia

90.2835, 94.7455, 108.1370

Trichromacy



Original Color

88.6622, 94.8509, 107.4010

Protanomaly

90.3167, 94.7997, 106.4665

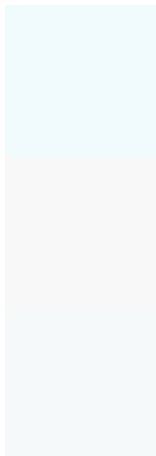
Deuteranomaly

90.5624, 94.4871, 105.5601

Tritanomaly

89.8918, 95.0037, 108.2075

Monochromacy



Original Color

88.6622, 94.8509, 107.4010

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.7872, 94.0660, 103.9194

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.6622, 94.8509, 107.4010 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(241, 251, 254)` looks like.

```
.text, #text, p{  
    color:rgb(241, 251, 254)  
}
```

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(241, 251, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 251, 254) }
```

Border

The CSS property to change the border of an element to XYZ 88.6622, 94.8509, 107.4010 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(241, 251, 254) }
```


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

```
.border{ border-color:rgb(241, 251, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 251, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 251, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 251, 254);  
box-shadow:4px 4px 4px 4px rgb(241, 251,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 88.6622, 94.8509, 107.4010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 251, 254) }
```

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

```
.background{ background-color: rgb(241,  
251, 254) }
```

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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