

Converting Colors

XYZ(88.8903, 97.1146, 95.5072)

Have a look what the booklet for
XYZ(88.8903, 97.1146, 95.5072)
contains.

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Color

**XYZ(88.9962, 97.1645,
95.7254)**

Conversions

Conversions Part 1

Format	Color
Hex	F5FFEF
RGB	245, 255, 239
RGB Percent	96%, 100%, 94%
CMY	0.0392, 0.0000, 0.0627
CMYK	0.04, 0.00, 0.06, 0.00
HSL	97°, 100%, 97%
HSV	97°, 6%, 100%
XYZ	88.9962, 97.1645, 95.7254
YIQ	250.1860, -0.8240, -7.0960

Conversions

Conversions Part 2

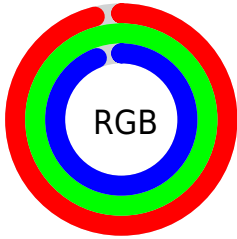
Format	Color
R _Y B	239, 255, 249
Decimal	16121839
CIE Lab	98.89, -6.07, 6.50
CIE LCh	99, 8.892, 133.071
Yxy	97.1645, 0.3157, 0.3447
Android (android.graphics.Color)	4294311919 (0xFF5FF5FF)
YUV	250.1860, -5.5147, -4.5481
Hunter-Lab	98.5721, -11.3416, 11.4227

Details

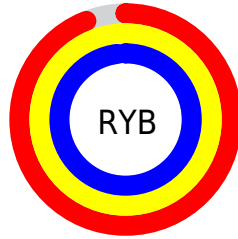
The XYZ color 88.9962, 97.1645, 95.7254 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.9841, 89.0939, 107.1673, and the grayscale version is 91.0642, 95.8066, 104.3334.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.7276, 54.6259, 52.7227 is the 20% darker color. If you saturate the color by 10%, you get 80.1677, 93.0182, 77.0143, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

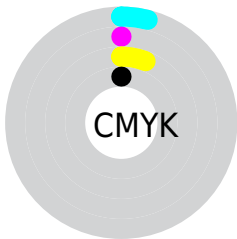
Distribution



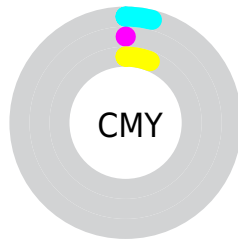
- Red (96%)
- Green (100%)
- Blue (94%)



- Red (94%)
- Yellow (100%)
- Blue (98%)



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.9962, 97.1645, 95.7254 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 88.9962, 97.1645, 95.7254 by changing the saturation by 10% instead.

 88.9962, 97.1645,
95.7254

 88.9962, 97.1645,
95.7254


513.0468,
551.0714, 567.5282

 67.4819, 73.9378,
72.1387


144.8287,
157.2516, 157.2706

 49.7485, 54.7431,
52.7844


179.8777,
194.8808, 196.0661

 35.4306, 39.1961,
37.2442


220.1690,
238.0795, 240.7683

 24.1628, 26.9123,
25.0993

266.0678,
287.2323, 291.7957

 15.5798, 17.5074,
15.9314

317.9397,
342.7235, 349.5668

 9.3163, 10.5969,
9.3218

376.1499,

 5.0068, 5.7965,

404.9375, 414.5003

4.8520

441.0638,
474.2587, 487.0146

■ 2.2861, 2.7217,
2.1035

■ 0.7875, 0.9882,
0.6178

■ 88.9962, 97.1645,
95.7254

■ 88.9962, 97.1645,
95.7254

■ 80.1677, 93.0182,
77.0143

95.0500, 100.0000,
108.9000

■ 72.3149, 89.3161,
61.0064

■ 65.4022, 86.0426,
47.5776

■ 59.3910, 83.1806,
36.5929

■ 54.2399, 80.7121,
27.9045

■ 49.9036, 78.6172,
21.3490

■ 46.3318, 76.8742,
16.7411

■ 43.4676, 75.4584,
13.8642

■ 41.2428, 74.3405,
12.4483

Harmonies

Analogous

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



91.2315, 97.1645, 92.5155



88.9962, 97.1645, 95.7254



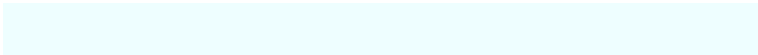
87.6741, 97.1645, 101.7009

Triad

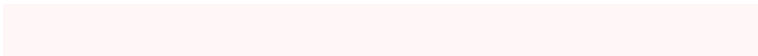
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.9962, 97.1645, 95.7254



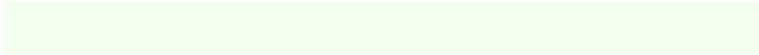
90.9109, 97.1645, 120.0191



97.2830, 97.1645, 102.6062

Complementary

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



88.9962, 97.1645, 95.7254



87.9841, 89.0939, 107.1673

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.



97.1933, 97.1645, 109.9988



88.9962, 97.1645, 95.7254



93.4816, 97.1645, 120.2894

Square

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



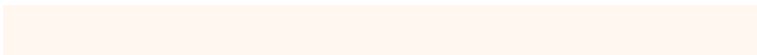
88.9962, 97.1645, 95.7254



88.7653, 97.1645, 115.8263



95.7910, 97.1645, 116.5484



96.0339, 97.1645, 96.3614

Rectangle

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



88.9962, 97.1645, 95.7254



87.4729, 97.1645, 106.5606



95.7910, 97.1645, 116.5484



97.4091, 97.1645, 105.0343

Sweetspot

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



88.9970, 97.1649, 95.7269



93.0767, 99.0763, 104.5783



90.6550, 95.1615, 95.2528



19.9430, 21.2161, 22.4293



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.



88.9970, 97.1649, 95.7269



87.4016, 96.4166, 92.2983



87.2148, 96.2141, 97.0905



18.4152, 20.4999, 19.1306



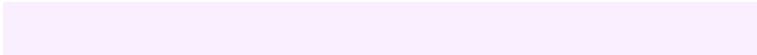
21.3372, 38.7378, 6.3526



2.1938, 3.8317, 0.6240

Inverse Universe

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



87.9841, 89.0939, 107.1673



86.1251, 86.2456, 106.7155



89.8580, 90.0945, 105.6940



18.0939, 17.9401, 22.7591



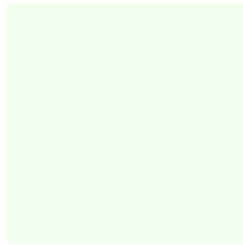
17.1119, 7.7320, 50.0251



1.7873, 0.8153, 4.8764

Previews

White Background



This preview shows how the XYZ color 88.9962, 97.1645, 95.7254 looks on a white background.

Color Contrast Check

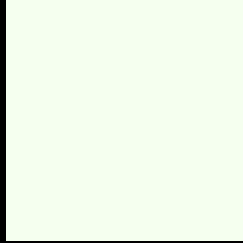
Large Text (above 18pt) WCAG AA × Fail

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 88.9962, 97.1645, 95.7254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

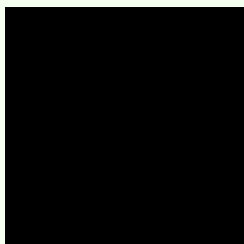
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

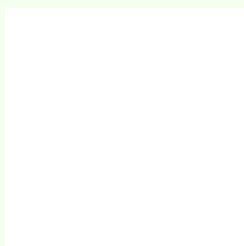
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.9962, 97.1645, 95.7254

Background



This preview shows how black text looks on a background with the XYZ color 88.9962, 97.1645, 95.7254.



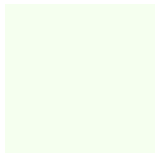
This preview shows how white text looks on a background with the XYZ color 88.9962, 97.1645,

95.7 54.

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

88.9962, 97.1645, 95.7254



Protanopia

92.3717, 96.9082, 101.0254

Deuteranopia

93.1498, 97.2194, 105.1225

Tritanopia

92.3308, 96.7236, 108.4109

Trichromacy

A vertical color bar on the left side of the page, divided into four horizontal sections. The top section is a light green color, the second is a slightly darker green, the third is a pale yellow-green, and the bottom section is a very light, almost white green. The text for each section is positioned to the right of the bar.

Original Color

88.9962, 97.1645, 95.7254

Protanomaly

90.7717, 96.6011, 98.6557

Deuteranomaly

91.3826, 96.8454, 101.8723

Tritanomaly

90.9762, 96.6001, 103.4733

Monochromacy

A vertical color bar on the left side of the page, divided into two horizontal sections. The top section is a light green color, and the bottom section is a very light, almost white green. The text for each section is positioned to the right of the bar.

Original Color

88.9962, 97.1645, 95.7254

Achromatopsia

90.8653, 95.5973, 104.1055

Achromatomaly

90.1564, 96.2311, 101.0115

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.9962, 97.1645, 95.7254 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(245, 255, 239)` looks like.

```
.text, #text, p{  
    color:rgb(245, 255, 239)  
}
```

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(245, 255, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 255, 239) }
```

Border

The CSS property to change the border of an element to XYZ 88.9962, 97.1645, 95.7254 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(245, 255, 239) }
```


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

```
.border{ border-color:rgb(245, 255, 239) }
```

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

Here you see how a box with a 4 pixel rgb(245, 255, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 255, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 255, 239);  
box-shadow:4px 4px 4px 4px rgb(245, 255,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 88.9962, 97.1645, 95.7254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 255, 239) }
```

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

```
.background{ background-color: rgb(245,  
255, 239) }
```

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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