

Converting Colors

XYZ(88.6652, 94.9861,
100.2665)

Have a look what the booklet for
XYZ(88.6652, 94.9861, 100.2665)
contains.

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Color

**XYZ(88.6348, 94.9994,
100.0514)**

Conversions

Conversions Part 1

Format	Color
Hex	F5FBF5
RGB	245, 251, 245
RGB Percent	96%, 98%, 96%
CMY	0.0392, 0.0157, 0.0392
CMYK	0.02, 0.00, 0.02, 0.02
HSL	120°, 43%, 97%
HSV	120°, 2%, 98%
XYZ	88.6348, 94.9994, 100.0514
YIQ	248.5220, -1.6500, -3.1380

Conversions

Conversions Part 2

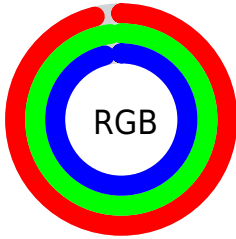
Format	Color
R_{YB}	245, 251, 251
Decimal	16120821
CIE Lab	98.03, -3.03, 2.17
CIE LCh	98, 3.726, 144.390
Yxy	94.9994, 0.3124, 0.3349
Android (android.graphics.Color)	4294310901 (0xFFFF5FBF5)
YUV	248.5220, -1.7363, -3.0888
Hunter-Lab	97.4676, -8.2446, 7.3656

Details

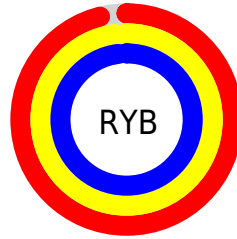
The XYZ color 88.6348, 94.9994, 100.0514 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.8521, 92.7815, 104.4444, and the grayscale version is 89.6674, 94.3371, 102.7331.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.6867, 53.5232, 55.8563 is the 20% darker color. If you saturate the color by 10%, you get 76.8896, 89.3604, 80.8380, and if you desaturate by 10%, it is 93.7890, 97.4780, 108.4797.

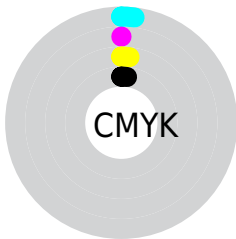
Distribution



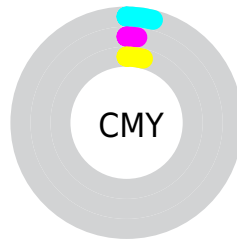
- Red (96%)
- Green (98%)
- Blue (96%)



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



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




- Cyan (4%)
- Magenta (2%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.6348, 94.9994, 100.0514 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 88.6348, 94.9994, 100.0514 by changing the saturation by 10% instead.


 88.6348, 94.9994,
100.0514

 88.6348, 94.9994,
100.0514


511.8842,
544.1631, 581.6055

 67.1815, 72.1345,
75.7263


144.3286,
154.2638, 163.2803

 49.5033, 53.2685,
55.7028


179.2998,
191.4320, 203.0212

 35.2351, 38.0172,
39.5623


219.5077,
234.1368, 248.7379

 24.0114, 25.9960,
26.8863

265.3175,
282.7626, 300.8488

 15.4669, 16.8207,
17.2561

317.0947,
337.6937, 359.7724

 9.2361, 10.1067,
10.2534

375.2047,

 4.9539, 5.4698,

399.3145, 425.9274

5.4595

440.0127,
468.0095, 499.7323

■ 2.2547, 2.5254,
2.4559

■ 0.7713, 0.8893,
0.8166

■ 88.6348, 94.9994,
100.0514

■ 88.6348, 94.9994,
100.0514

■ 76.8896, 89.3604,
80.8380

■ 93.7890, 97.4780,
108.4797

■ 66.7812, 84.5048,
64.3040

■ 58.2394, 80.4017,
50.3325

■ 51.1858, 77.0135,
38.7952

■ 45.5355, 74.2994,
29.5529

■ 41.1946, 72.2142,
22.4525

■ 38.0581, 70.7076,
17.3219

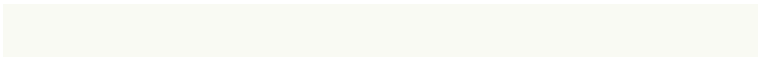
■ 36.0047, 69.7213,
13.9630

■ 34.8879, 69.1848,
12.1360

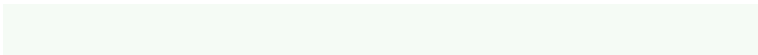
Harmonies

Analogous

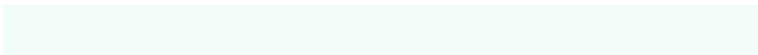
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.4487, 94.9994, 98.1737



88.6348, 94.9994, 100.0514



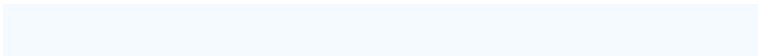
88.2657, 94.9994, 102.8643

Triad

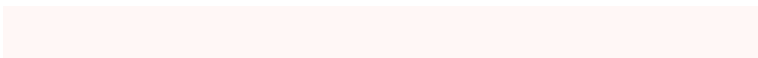
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.6348, 94.9994, 100.0514



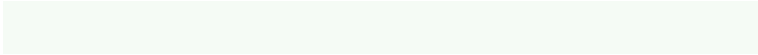
90.0935, 94.9994, 109.4024



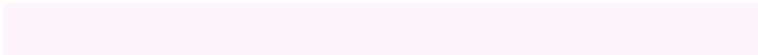
92.1773, 94.9994, 101.0285

Complementary

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



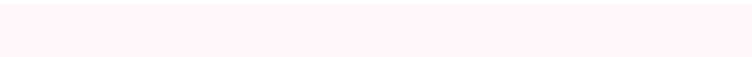
88.6348, 94.9994, 100.0514



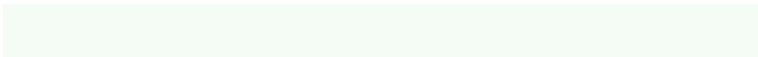
89.8521, 92.7815, 104.4444

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.



92.3533, 94.9994, 104.0142



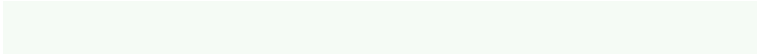
88.6348, 94.9994, 100.0514



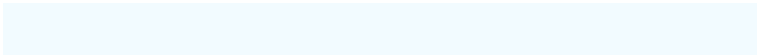
91.1447, 94.9994, 108.8876

Square

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



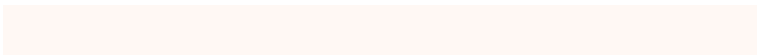
88.6348, 94.9994, 100.0514



89.1036, 94.9994, 108.2937



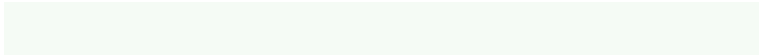
91.9739, 94.9994, 106.9006



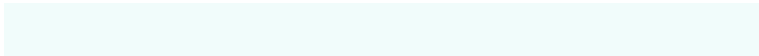
91.4951, 94.9994, 98.7300

Rectangle

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



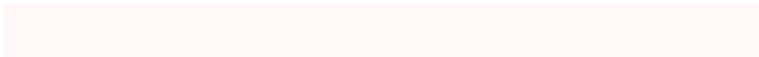
88.6348, 94.9994, 100.0514



88.3195, 94.9994, 104.9067



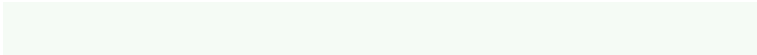
91.9739, 94.9994, 106.9006



92.2979, 94.9994, 101.9835

Sweetspot

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



88.6375, 95.0035, 100.0535



93.7102, 99.3564, 106.7085



90.7665, 96.1010, 100.1529



20.0720, 21.2731, 22.8631



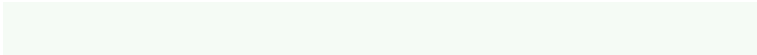
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



88.6375, 95.0035, 100.0535



91.0839, 98.0949, 102.4129



89.0996, 95.1883, 102.4871



18.4536, 19.9991, 20.6417



18.1332, 36.2663, 6.0446



1.6795, 3.3589, 0.5599

Inverse Universe

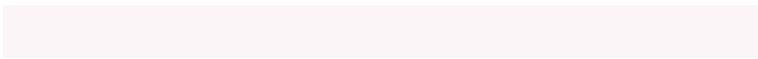
The Inverse Universe completely reimagines the original color for something new.



89.8521, 92.7815, 104.4444



92.6579, 95.2158, 108.1024



89.3825, 92.5937, 101.9714



18.8593, 19.2570, 22.1082



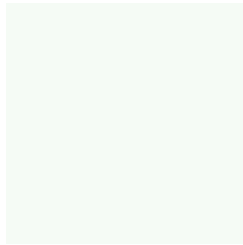
30.0639, 14.4413, 49.1726



2.7844, 1.3375, 4.5543

Previews

White Background



This preview shows how the XYZ color 88.6348, 94.9994, 100.0514 looks on a white background.

Color Contrast Check

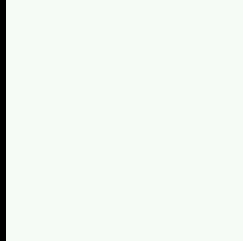
Large Text (above 18pt) WCAG AA × Fail

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 88.6348, 94.9994, 100.0514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

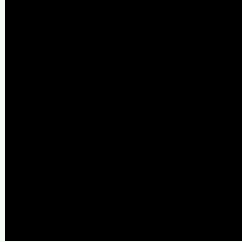
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

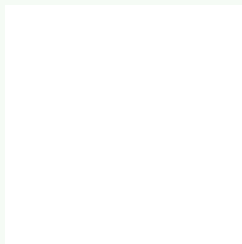
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.6348, 94.9994, 100.0514

Background



This preview shows how black text looks on a background with the XYZ color 88.6348, 94.9994, 100.0514.



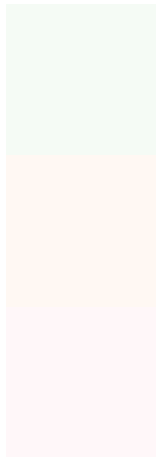
This preview shows how white text looks on a background with the XYZ color 88.6348, 94.9994,

100.0514.

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

88.6348, 94.9994, 100.0514

Protanopia

90.9851, 94.8659, 98.3095

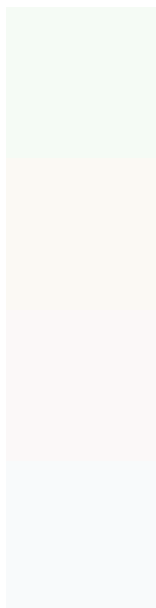
Deuteranopia

91.5996, 94.6211, 103.0584

Tritanopia

90.9926, 95.1111, 108.1702

Trichromacy



Original Color

88.6348, 94.9994, 100.0514

Protanomaly

89.9885, 94.7922, 99.1418

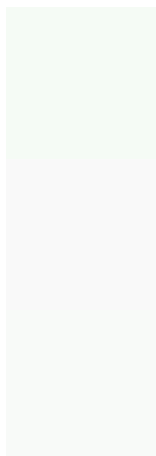
Deuteranomaly

90.2943, 94.4213, 102.2731

Tritanomaly

90.3096, 95.2927, 104.9003

Monochromacy



Original Color

88.6348, 94.9994, 100.0514

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.8403, 95.1050, 102.4289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.6348, 94.9994, 100.0514 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, 251, 245)` looks like.

```
.text, #text, p{  
    color:rgb(245, 251, 245)  
}
```

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, 251, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 251, 245) }
```

Border

The CSS property to change the border of an element to XYZ 88.6348, 94.9994, 100.0514 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, 251, 245) }
```


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

```
.border{ border-color:rgb(245, 251, 245) }
```

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

Here you see how a box with a 4 pixel rgb(245, 251, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 251, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 251, 245);  
box-shadow:4px 4px 4px 4px rgb(245, 251,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 88.6348, 94.9994, 100.0514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 251, 245) }
```

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

```
.background{ background-color: rgb(245,  
251, 245) }
```

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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