

Converting Colors

XYZ(89.0195, 97.0638,
100.8189)

Have a look what the booklet for
XYZ(89.0195, 97.0638, 100.8189)
contains.

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Color

**XYZ(88.8594, 96.9898,
100.4237)**

Conversions

Conversions Part 1

Format	Color
Hex	F2FFF5
RGB	242, 255, 245
RGB Percent	95%, 100%, 96%
CMY	0.0510, 0.0000, 0.0392
CMYK	0.05, 0.00, 0.04, 0.00
HSL	134°, 100%, 97%
HSV	134°, 5%, 100%
XYZ	88.8594, 96.9898, 100.4237
YIQ	249.9730, -4.5380, -5.8660

Conversions

Conversions Part 2

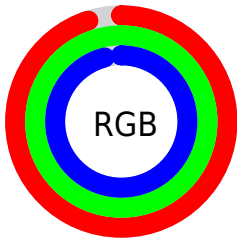
Format	Color
R _{YB}	242, 253, 255
Decimal	15925237
CIE _{Lab}	98.82, -6.03, 3.29
CIE _{LCh}	99, 6.867, 151.350
Y _{xy}	96.9898, 0.3104, 0.3388
Android (android.graphics.Color)	4294115317 (0xFFFF2FFF5)
Y _{UV}	249.9730, -2.4517, -6.9923
Hunter-Lab	98.4834, -11.2893, 8.4803

Details

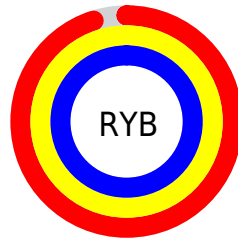
The XYZ color 88.8594, 96.9898, 100.4237 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.5633, 91.7936, 105.0402, and the grayscale version is 90.8659, 95.5980, 104.1062.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.6291, 54.5014, 56.0482 is the 20% darker color. If you saturate the color by 10%, you get 77.8709, 91.6529, 85.0980, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

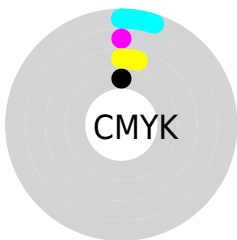
Distribution



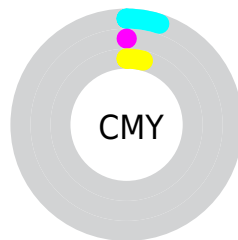
- Red (95%)
- Green (100%)
- Blue (96%)



- Red (95%)
- Yellow (99%)
- Blue (100%)



- Cyan (5%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)




- Cyan (5%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.8594, 96.9898, 100.4237 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 88.8594, 96.9898, 100.4237 by changing the saturation by 10% instead.


 88.8594, 96.9898,
100.4237

 88.8594, 96.9898,
100.4237

512.6069,
550.5157, 582.8085

 67.3682, 73.7922,
76.0356


144.6395,
157.0107, 163.7963

 49.6557, 54.6240,
55.9549

179.6590,
194.6029, 203.6178

 35.3566, 39.1007,
39.7630


219.9187,
237.7620, 249.4209

 24.1055, 26.8381,
27.0414

265.7839,
286.8724, 301.6241

 15.5370, 17.4517,
17.3716

317.6200,
342.3186, 360.6459

 9.2859, 10.5570,
10.3350

375.7922,

 4.9867, 5.7698,

404.4850, 426.9049

5.5132

440.6661,
473.7559, 500.8196

■ 2.2742, 2.7056,
2.4874

■ 0.7814, 0.9801,
0.8335

■ 88.8594, 96.9898,
100.4237

■ 88.8594, 96.9898,
100.4237

■ 77.8709, 91.6529,
85.0980

95.0500, 100.0000,
108.9000

■ 68.3593, 87.0418,
71.4457

■ 60.2614, 83.1252,
59.4113

■ 53.5085, 79.8688,
48.9345

■ 48.0258, 77.2355,
39.9514

■ 43.7313, 75.1845,
32.3936

■ 40.5329, 73.6697,
26.1872

■ 38.3244, 72.6381,
21.2518

■ 36.9766, 72.0250,
17.4979

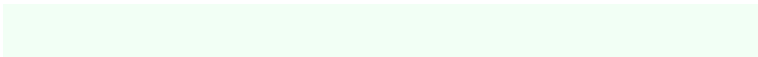
Harmonies

Analogous

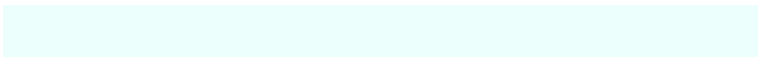
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.2039, 96.9898, 96.4958



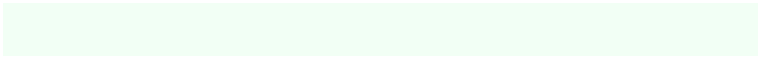
88.8594, 96.9898, 100.4237



88.4028, 96.9898, 105.8646

Triad

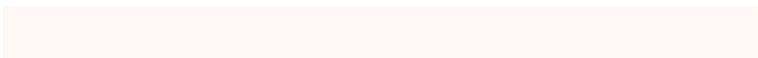
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.8594, 96.9898, 100.4237



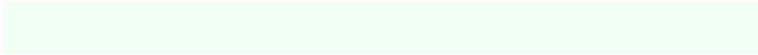
92.2763, 96.9898, 116.9770



95.5018, 96.9898, 99.9906

Complementary

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



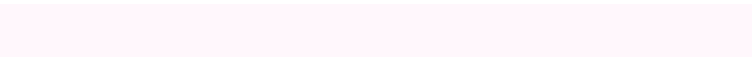
88.8594, 96.9898, 100.4237



90.5633, 91.7936, 105.0402

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.



96.0754, 96.9898, 105.3467



88.8594, 96.9898, 100.4237



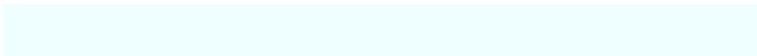
94.1967, 96.9898, 115.2710

Square

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



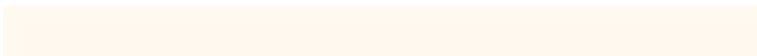
88.8594, 96.9898, 100.4237



90.3584, 96.9898, 115.5457



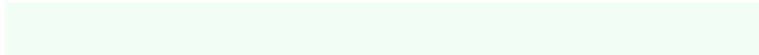
95.5944, 96.9898, 110.9624



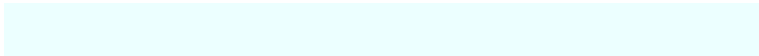
94.0379, 96.9898, 96.2522

Rectangle

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



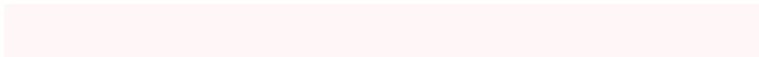
88.8594, 96.9898, 100.4237



88.6581, 96.9898, 109.6570



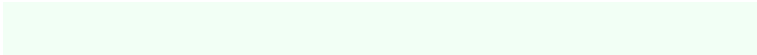
95.5944, 96.9898, 110.9624



95.8061, 96.9898, 101.6549

Sweetspot

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



88.8603, 96.9902, 100.4252



92.5733, 98.7954, 105.5208



91.9987, 98.6607, 98.2004



19.8404, 21.1589, 22.6213



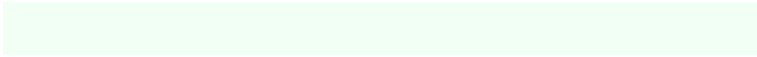
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



88.8603, 96.9902, 100.4252



87.8060, 96.4779, 98.9715



89.8412, 97.3826, 105.5907



18.6325, 20.5717, 20.9607



19.1427, 37.5537, 8.6365



1.9035, 3.6723, 1.0498

Inverse Universe

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



90.5633, 91.7936, 105.0402



89.7984, 90.3983, 104.3704



89.5788, 91.3998, 99.8558



19.1033, 19.1352, 22.2364



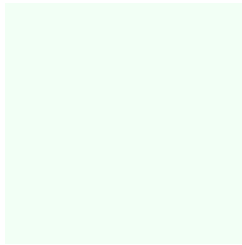
26.8238, 13.2188, 28.7863



2.6533, 1.3037, 3.0215

Previews

White Background



This preview shows how the XYZ color 88.8594, 96.9898, 100.4237 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 88.8594, 96.9898, 100.4237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

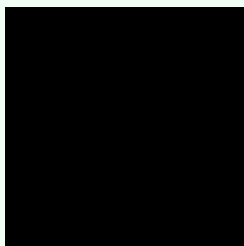
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

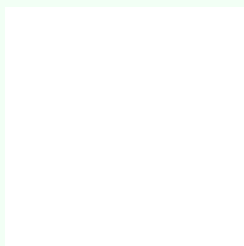
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.8594, 96.9898, 100.4237

Background



This preview shows how black text looks on a background with the XYZ color 88.8594, 96.9898, 100.4237.



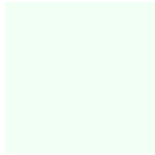
This preview shows how white text looks on a background with the XYZ color 88.8594, 96.9898,

100.4237.

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

88.8594, 96.9898, 100.4237

Protanopia

92.5257, 96.9698, 101.8361

Deuteranopia

92.8382, 96.5962, 105.0186

Tritanopia

92.3308, 96.7236, 108.4109

Trichromacy



Original Color

88.8594, 96.9898, 100.4237

Protanomaly

90.8693, 96.5986, 101.0449

Deuteranomaly

91.3336, 96.7844, 103.4900

Tritanomaly

90.9344, 96.5423, 105.1086

Monochromacy



Original Color

88.8594, 96.9898, 100.4237

Achromatopsia

90.8653, 95.5973, 104.1055

Achromatomaly

90.1115, 96.1723, 102.6207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.8594, 96.9898, 100.4237 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, 255, 245)` looks like.

```
.text, #text, p{  
    color:rgb(242, 255, 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(242, 255, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 255, 245) }
```

Border

The CSS property to change the border of an element to XYZ 88.8594, 96.9898, 100.4237 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, 255, 245) }
```


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

```
.border{ border-color:rgb(242, 255, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 255, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 255, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 255, 245);  
box-shadow:4px 4px 4px 4px rgb(242, 255,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 88.8594, 96.9898, 100.4237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 255, 245) }
```

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

```
.background{ background-color: rgb(242,  
255, 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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