

Converting Colors

XYZ(89.7239, 98.3205,
100.9711)

Have a look what the booklet for
XYZ(89.7239, 98.3205, 100.9711)
contains.

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Color

**XYZ(89.2036, 97.1673,
100.4398)**

Conversions

Conversions Part 1

Format	Color
Hex	F3FFF5
RGB	243, 255, 245
RGB Percent	95%, 100%, 96%
CMY	0.0471, 0.0000, 0.0392
CMYK	0.05, 0.00, 0.04, 0.00
HSL	130°, 100%, 98%
HSV	130°, 5%, 100%
XYZ	89.2036, 97.1673, 100.4398
YIQ	250.2720, -3.9420, -5.6540

Conversions

Conversions Part 2

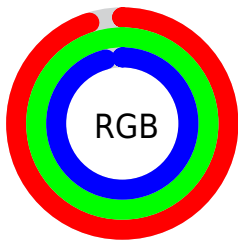
Format	Color
R_{YB}	243, 253, 255
Decimal	15990773
CIE _{Lab}	98.89, -5.70, 3.40
CIE _{LCh}	99, 6.636, 149.153
Yxy	97.1673, 0.3110, 0.3388
Android (android.graphics.Color)	4294180853 (0xFFFF3FFF5)
YUV	250.2720, -2.5991, -6.3775
Hunter-Lab	98.5735, -10.9709, 8.5889

Details

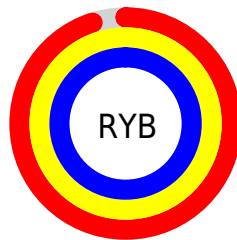
The XYZ color 89.2036, 97.1673, 100.4398 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 91.0207, 92.4540, 105.9765, and the grayscale version is 91.1138, 95.8588, 104.3903.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.8729, 54.6271, 56.0596 is the 20% darker color. If you saturate the color by 10%, you get 77.9456, 91.7171, 83.9403, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

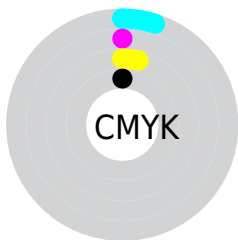
Distribution



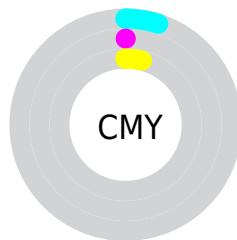
- Red (95%)
- Green (100%)
- Blue (96%)



- 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 89.2036, 97.1673, 100.4398 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 89.2036, 97.1673, 100.4398 by changing the saturation by 10% instead.


 89.2036, 97.1673,
100.4398

 89.2036, 97.1673,
100.4398


513.7134,
551.0803, 582.8605

 67.6544, 73.9401,
76.0490


145.1156,
157.2554, 163.8186

 49.8893, 54.7450,
55.9658


180.2092,
194.8852, 203.6436

 35.5429, 39.1976,
39.7717


220.5482,
238.0846, 249.4504

 24.2498, 26.9135,
27.0481

266.4981,
287.2381, 301.6576

 15.6448, 17.5083,
17.3766

318.4243,
342.7300, 360.6836

 9.3624, 10.5975,
10.3386

376.6919,

 5.0373, 5.7969,

404.9447, 426.9471

5.5155

441.6665,
474.2667, 500.8666

■ 2.3041, 2.7220,
2.4888

■ 0.7968, 0.9884,
0.8342

■ 89.2036, 97.1673,
100.4398

■ 89.2036, 97.1673,
100.4398

■ 77.9456, 91.7171,
83.9403

95.0500, 100.0000,
108.9000

■ 68.2191, 87.0148,
69.3902

■ 59.9579, 83.0280,
56.7189

■ 53.0904, 79.7211,
45.8497

■ 47.5388, 77.0559,
36.7005

■ 43.2174, 74.9901,
29.1831

■ 40.0303, 73.4762,
23.2012

■ 37.8671, 72.4595,
18.6484

■ 36.5937, 71.8735,
15.4048

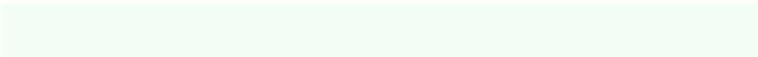
Harmonies

Analogous

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



90.5577, 97.1673, 96.7817



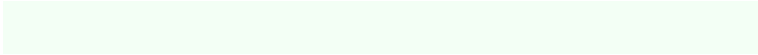
89.2036, 97.1673, 100.4398



88.6918, 97.1673, 105.6416

Triad

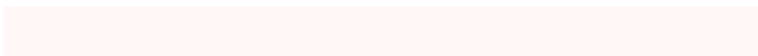
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.2036, 97.1673, 100.4398



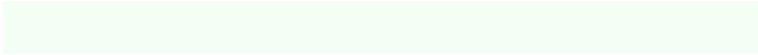
92.2998, 97.1673, 116.7906



95.6351, 97.1673, 100.7029

Complementary

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



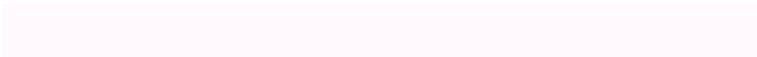
89.2036, 97.1673, 100.4398



91.0207, 92.4540, 105.9765

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.



96.1169, 97.1673, 105.9559



89.2036, 97.1673, 100.4398



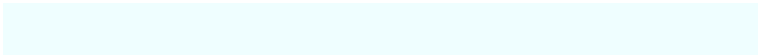
94.1751, 97.1673, 115.3590

Square

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



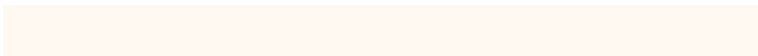
89.2036, 97.1673, 100.4398



90.4640, 97.1673, 115.1926



95.5790, 97.1673, 111.3448



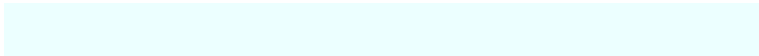
94.2714, 97.1673, 96.9299

Rectangle

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



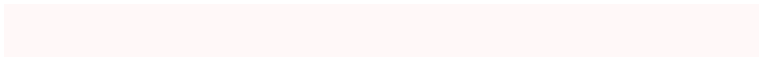
89.2036, 97.1673, 100.4398



88.8916, 97.1673, 109.3258



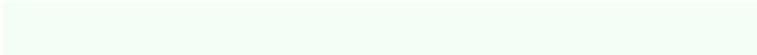
95.5790, 97.1673, 111.3448



95.9064, 97.1673, 102.3482

Sweetspot

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



89.2044, 97.1677, 100.4413



93.7778, 99.3835, 107.0645



92.4460, 98.8739, 99.0075



20.0857, 21.2786, 22.9356



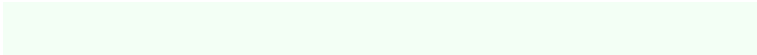
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



89.2044, 97.1677, 100.4413



87.6581, 96.4187, 98.1924



90.1354, 97.5401, 105.3437



18.5976, 20.5577, 20.7771



18.9445, 37.4744, 7.5929



1.8776, 3.6620, 0.9133

Inverse Universe

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



91.0207, 92.4540, 105.9765



89.9539, 90.4605, 105.1889



90.0798, 92.0776, 101.0216



19.1401, 19.1499, 22.4303



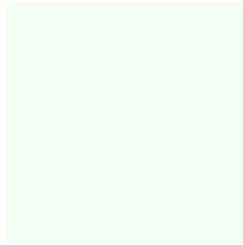
27.8388, 13.6248, 34.1314



2.7436, 1.3398, 3.4970

Previews

White Background



This preview shows how the XYZ color 89.2036, 97.1673, 100.4398 looks on a white background.

Color Contrast Check

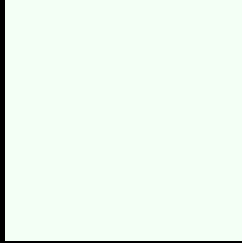
Large Text (above 18pt) WCAG AA × Fail

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 89.2036, 97.1673, 100.4398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

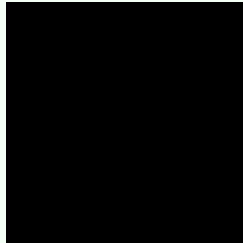
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.2036, 97.1673, 100.4398

Background



This preview shows how black text looks on a background with the XYZ color 89.2036, 97.1673, 100.4398.



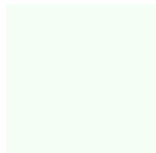
This preview shows how white text looks on a background with the XYZ color 89.2036, 97.1673,

100.4398.

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

89.2036, 97.1673, 100.4398



Protanopia

92.5257, 96.9698, 101.8361

Deuteranopia

93.1498, 97.2194, 105.1225

Tritanopia

92.6441, 97.3500, 108.5153

Trichromacy



Original Color

89.2036, 97.1673, 100.4398

Protanomaly

91.2286, 96.7839, 101.0617

Deuteranomaly

91.6929, 96.9696, 103.5068

Tritanomaly

91.2493, 97.1721, 105.2135

Monochromacy



Original Color

89.2036, 97.1673, 100.4398

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 89.2036, 97.1673, 100.4398 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(243, 255, 245)` looks like.

```
.text, #text, p{  
    color:rgb(243, 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(243, 255, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 255, 245) }
```

Border

The CSS property to change the border of an element to XYZ 89.2036, 97.1673, 100.4398 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(243, 255, 245) }
```


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

```
.border{ border-color:rgb(243, 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(243, 255, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 255, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 255, 245);  
box-shadow:4px 4px 4px 4px rgb(243, 255,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 89.2036, 97.1673, 100.4398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 255, 245) }
```

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

```
.background{ background-color: rgb(243,  
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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