

Converting Colors

XYZ(36.4831, 44.9271, 98.1863)

Have a look what the booklet for
XYZ(36.4831, 44.9271, 98.1863)
contains.

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Color

**XYZ(36.3498, 44.7095,
97.9807)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 07C0FB |
| RGB | 7, 192, 251 |
| RGB Percent | 3%, 75%, 98% |
| CMY | 0.9723, 0.2470, 0.0157 |
| CMYK | 0.97, 0.24, 0.00, 0.02 |
| HSL | 195°, 97%, 51% |
| HSV | 195°, 97%, 98% |
| XYZ | 36.3498, 44.7095, 97.9807 |
| YIQ | 143.4110, -129.1990, -20.8710 |

Conversions

Conversions Part 2

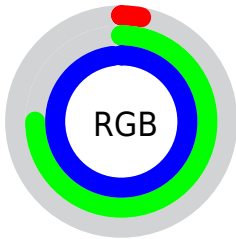
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 7, 112, 251 |
| Decimal | 508155 |
| CIE Lab | 72.70, -19.40, -40.16 |
| CIE LCh | 73, 44.597, 244.218 |
| Yxy | 44.7095, 0.2030, 0.2497 |
| Android (android.graphics.Color) | 4278698235 (0xFF07C0FB) |
| YUV | 143.4110, 53.0414, -119.6324 |
| Hunter-Lab | 66.8652, -19.9764, -40.0748 |

Details

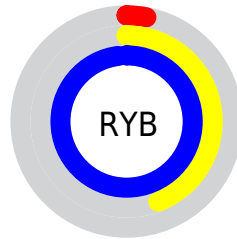
The XYZ color **36.3498, 44.7095, 97.9807** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light saturated cyan. A complement of this color would be **41.7749, 24.4292, 2.7165**, and the grayscale version is **26.1129, 27.4728, 29.9178**.

A 20% lighter version of the original color is **58.5568, 77.9322, 106.5639**, and **18.8261, 22.0720, 54.3070** is the 20% darker color. If you saturate the color by 10%, you get **35.8897, 43.9190, 97.8533**, and if you desaturate by 10%, it is **38.2245, 47.6965, 98.4594**.

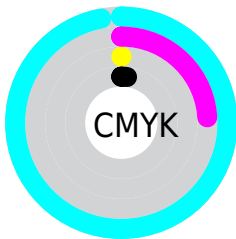
Distribution



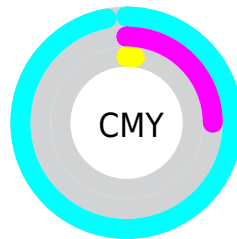
- Red (3%)
- Green (75%)
- Blue (98%)



- Red (3%)
- Yellow (44%)
- Blue (98%)



- Cyan (97%)
- Magenta (24%)
- Yellow (0%)
- Black (2%)



- Cyan (97%)
- Magenta (25%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.3498, 44.7095, 97.9807 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 36.3498, 44.7095, 97.9807 by changing the saturation by 10% instead.

36.3498, 44.7095,
97.9807

36.3498, 44.7095,
97.9807

321.8915,
365.5958, 574.8903

24.8758, 31.2287,
74.0078

68.8920, 82.2843,
160.4070

16.1128, 20.7730,
54.3036

90.6909, 107.1471,
199.6975

9.6954, 12.9582,
38.4496

116.6622,
136.5726, 244.9308

5.2582, 7.3998,
26.0273

147.1712,
170.9453, 296.5257

2.4358, 3.7133,
16.6181

182.5833,
210.6496, 354.9005

0.8630, 1.5145,
9.8035

223.2638,

0.0000, 0.2989,

256.0698, 420.4738

5.1650

269.5781,
307.5904, 493.6642

■ 0.0000, 0.0000,
2.2840

■ 0.0000, 0.0000,
0.7222

■ 36.3498, 44.7095,
97.9807

■ 36.3498, 44.7095,
97.9807

■ 35.8897, 43.9190,
97.8533

■ 38.2245, 47.6965,
98.4594

■ 40.7426, 51.0971,
98.9830

■ 44.0242, 54.9749,
99.5585

■ 48.1618, 59.3783,
100.1904

■ 53.2337, 64.3487,
100.8825

■ 59.3094, 69.9229,
101.6382

■ 66.4511, 76.1338,
102.4606

■ 74.7162, 83.0117,
103.3526

■ 84.1577, 90.5850,
104.3167

Harmonies

Analogous

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



31.3465, 44.7095, 76.7722



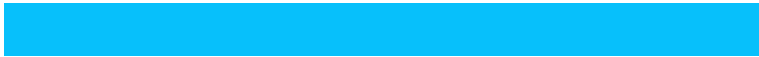
36.3498, 44.7095, 97.9807



43.5983, 44.7095, 104.7029

Triad

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



36.3498, 44.7095, 97.9807



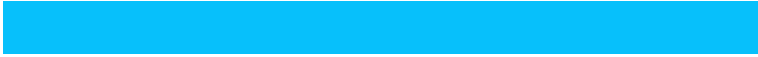
59.1173, 44.7095, 45.6152



34.6692, 44.7095, 21.2743

Complementary

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



36.3498, 44.7095, 97.9807



41.7749, 24.4292, 2.7165

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.



41.4106, 44.7095, 17.3631



36.3498, 44.7095, 97.9807



56.0156, 44.7095, 28.4446

Square

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



36.3498, 44.7095, 97.9807



57.3409, 44.7095, 69.6532



49.2966, 44.7095, 19.5208



30.4620, 44.7095, 32.4078

Rectangle

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



36.3498, 44.7095, 97.9807



48.8916, 44.7095, 98.7657



49.2966, 44.7095, 19.5208



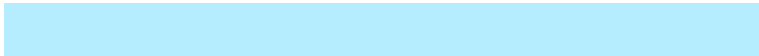
36.6822, 44.7095, 19.2550

Sweetspot

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



36.3514, 44.7110, 97.9818



67.4350, 77.6843, 106.0481



35.5110, 69.4106, 16.3744



13.7469, 16.0331, 22.6201



0.0000, 0.0000, 0.0000



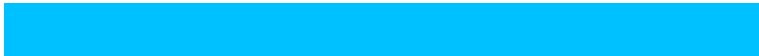
20.3446, 21.4041, 23.3091

Same Dimension

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



36.3514, 44.7110, 97.9818



37.1918, 45.5036, 101.4306



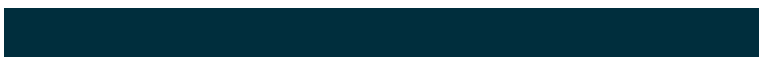
19.8262, 11.6606, 92.4734



17.3893, 18.8554, 22.1082



18.9843, 23.3241, 51.4750



1.8403, 2.3243, 4.7948

Inverse Universe

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



49.3754, 24.4687, 51.9911



50.9019, 25.1248, 52.8088



57.3716, 55.6226, 7.9154



17.8030, 17.4486, 20.8185



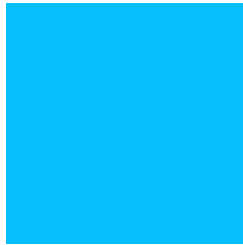
25.8744, 12.7655, 27.1107



2.4378, 1.1989, 2.7290

Previews

White Background



This preview shows how the XYZ color 36.3498, 44.7095, 97.9807 looks on a white background.

Color Contrast Check

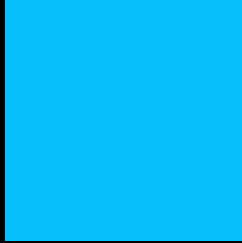
Large Text (above 18pt) WCAG AA × Fail

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 36.3498, 44.7095, 97.9807 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

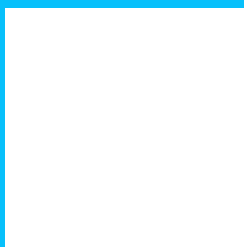
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.3498, 44.7095, 97.9807

Background



This preview shows how black text looks on a background with the XYZ color 36.3498, 44.7095, 97.9807.



This preview shows how white text looks on a background with the XYZ color 36.3498, 44.7095,

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

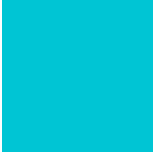
36.3498, 44.7095, 97.9807

Protanopia

45.0607, 44.2039, 87.0462

Deuteranopia

45.6080, 44.4737, 100.7882



Tritanopia

31.8499, 44.6860, 69.2339

Trichromacy



Original Color

36.3498, 44.7095, 97.9807

Protanomaly

38.4105, 42.4619, 90.9655

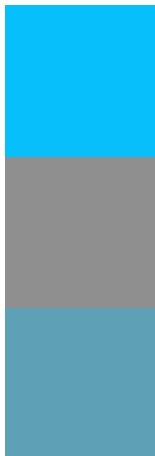
Deuteranomaly

39.4412, 43.0985, 100.0060

Tritanomaly

33.2801, 44.5406, 78.7946

Monochromacy



Original Color

36.3498, 44.7095, 97.9807

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.8045, 31.2468, 48.9272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3498, 44.7095, 97.9807 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(7, 192, 251)` looks like.

```
.text, #text, p{  
    color:rgb(7, 192, 251)  
}
```

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(7, 192, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 192, 251) }
```

Border

The CSS property to change the border of an element to XYZ 36.3498, 44.7095, 97.9807 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(7, 192, 251) }
```


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

```
.border{ border-color:rgb(7, 192, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 192, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 192, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 192, 251);  
box-shadow:4px 4px 4px 4px rgb(7, 192,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3498, 44.7095, 97.9807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 192, 251) }
```

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

```
.background{ background-color: rgb(7, 192,  
251) }
```

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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