

Converting Colors

XYZ(48.1086, 74.5734, 56.1145)

Have a look what the booklet for
XYZ(48.1086, 74.5734, 56.1145)
contains.

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Color

**XYZ(48.1086, 74.5734,
56.1145)**

Conversions

Conversions Part 1

Format	Color
Hex	66FAB6
RGB	102, 250, 182
RGB Percent	40%, 98%, 71%
CMY	0.6000, 0.0196, 0.2863
CMYK	0.59, 0.00, 0.27, 0.02
HSL	152°, 94%, 69%
HSV	152°, 59%, 98%
XYZ	48.1086, 74.5734, 56.1145
YIQ	197.9960, -66.3800, -52.5240

Conversions

Conversions Part 2

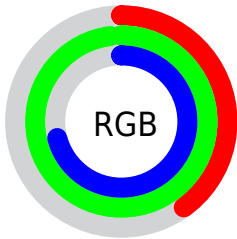
Format	Color
RYB	102, 198, 250
Decimal	6748854
CIELab	89.19, -54.94, 21.02
CIELCh	89, 58.827, 159.068
Yxy	74.5734, 0.2691, 0.4171
Android (android.graphics.Color)	4284938934 (0xFF66FAB6)
YUV	197.9960, -7.8860, -84.1885
Hunter-Lab	86.3559, -51.6810, 21.9222

Details

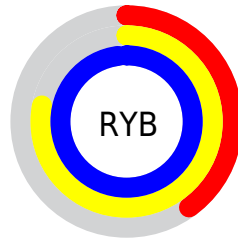
The XYZ color **48.1086, 74.5734, 56.1145** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **51.4338, 32.7307, 41.6398**, and the grayscale version is **53.7511, 56.5504, 61.5834**.

A 20% lighter version of the original color is **66.5025, 85.5856, 93.9035**, and **23.0615, 39.4129, 27.1609** is the 20% darker color. If you saturate the color by 10%, you get **44.5523, 72.8736, 50.0042**, and if you desaturate by 10%, it is **52.6203, 76.7584, 62.7812**.

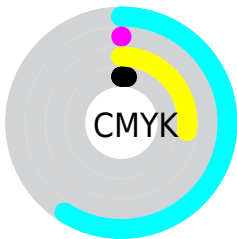
Distribution



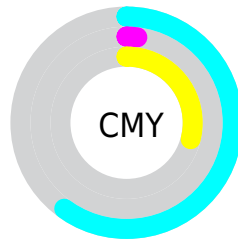
- Red (40%)
- Green (98%)
- Blue (71%)



- Red (40%)
- Yellow (78%)
- Blue (98%)



- Cyan (59%)
- Magenta (0%)
- Yellow (27%)
- Black (2%)




- Cyan (60%)
- Magenta (2%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.1086, 74.5734, 56.1145 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 48.1086, 74.5734, 56.1145 by changing the saturation by 10% instead.


 48.1086, 74.5734,
56.1145


 48.1086, 74.5734,
56.1145


369.7979,
476.4500, 427.5233


 34.1245, 55.2635,
39.8901


 86.5748, 125.7083,
100.6594

 23.1526, 39.6127,
27.1397


 111.7876,
158.3021, 129.8171

 14.8275, 27.2367,
17.4448


 141.4740,
196.0926, 164.1229

 8.7840, 17.7511,
10.3869

175.9994,
239.4642, 203.9954

 4.6565, 10.7714,
5.5473

215.7292,
288.8014, 249.8531

 2.0798, 5.9133,
2.5075

261.0286,

 0.6782, 2.7925,

344.4885, 302.1147

0.8441

312.2630,
406.9099, 361.1986

0.0000, 1.0244,
0.0000

0.0000, 0.0000,
0.0000

48.1086, 74.5734,
56.1145

48.1086, 74.5734,
56.1145

44.5523, 72.8736,
50.0042

52.6203, 76.7584,
62.7812

41.8637, 71.6082,
44.4291


58.1533, 79.4564,
70.0142


39.9481, 70.7306,
39.3739

64.7742, 82.7035,
77.8296


38.6598, 70.1660,
34.8186

72.5422, 86.5299,
86.2411

 38.5696, 70.1270,
34.4744

 81.5120, 90.9636,
95.2620

 91.7347, 96.0308,
104.9049

 93.4770, 96.8539,
108.3757

Harmonies

Analogous

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



54.8756, 74.5734, 34.0050



48.1086, 74.5734, 56.1145



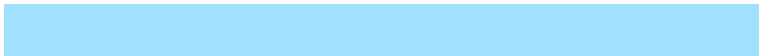
46.9776, 74.5734, 94.2971

Triad

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



48.1086, 74.5734, 56.1145



75.3172, 74.5734, 186.8806



94.5296, 74.5734, 40.8879

Complementary

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



48.1086, 74.5734, 56.1145



51.4338, 32.7307, 41.6398

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.



101.7629, 74.5734, 69.3714



48.1086, 74.5734, 56.1145



89.7274, 74.5734, 159.2873

Square

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



48.1086, 74.5734, 56.1145



61.4732, 74.5734, 179.6083



99.8960, 74.5734, 112.8232



81.2001, 74.5734, 27.5003

Rectangle

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



48.1086, 74.5734, 56.1145



49.3974, 74.5734, 125.9513



99.8960, 74.5734, 112.8232



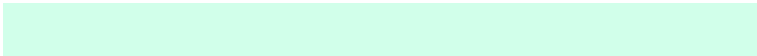
97.8312, 74.5734, 48.5425

Sweetspot

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



48.1106, 74.5764, 56.1162



76.9212, 91.0253, 91.2898



53.3954, 77.9992, 24.8124



15.9212, 19.2152, 18.9726



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.



48.1106, 74.5764, 56.1162



46.0086, 75.9452, 51.1695



55.4098, 75.0752, 102.0166



17.4098, 19.4662, 20.3584



20.5313, 37.2255, 18.6730



1.9551, 3.4691, 2.0113

Inverse Universe

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



51.4338, 32.7307, 41.6398



49.7830, 28.5899, 34.8543



47.0755, 31.7864, 16.2255



17.5763, 17.3579, 19.6247



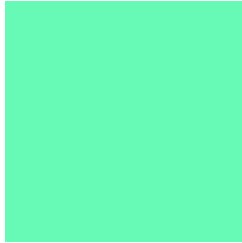
22.6201, 11.4637, 9.9737



2.1478, 1.0829, 1.2019

Previews

White Background



This preview shows how the XYZ color 48.1086, 74.5734, 56.1145 looks on a white background.

Color Contrast Check

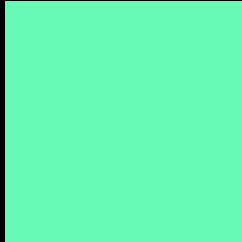
Large Text (above 18pt) WCAG AA × Fail

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 48.1086, 74.5734, 56.1145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

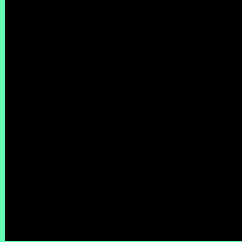
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

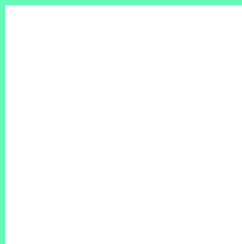
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.1086, 74.5734, 56.1145

Background



This preview shows how black text looks on a background with the XYZ color 48.1086, 74.5734, 56.1145.

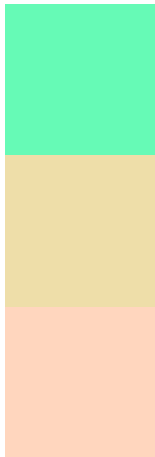


This preview shows how white text looks on a background with the XYZ color 48.1086, 74.5734,

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

48.1086, 74.5734, 56.1145

Protanopia

68.5426, 73.2843, 48.0688

Deuteranopia

74.5808, 73.0708, 58.8884



Tritanopia

60.1261, 74.2984, 105.7798

Trichromacy



Original Color

48.1086, 74.5734, 56.1145



Protanomaly

57.4829, 71.5880, 50.8326



Deuteranomaly

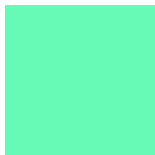
59.9919, 70.6681, 57.4921



Tritanomaly

54.8090, 73.7728, 84.7496

Monochromacy



Original Color

48.1086, 74.5734, 56.1145



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

49.4315, 61.2180, 59.0801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1086, 74.5734, 56.1145 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(102, 250, 182)` looks like.

```
.text, #text, p{  
    color:rgb(102, 250, 182)  
}
```

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(102, 250, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 250, 182) }
```

Border

The CSS property to change the border of an element to XYZ 48.1086, 74.5734, 56.1145 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(102, 250, 182) }
```


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

```
.border{ border-color:rgb(102, 250, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 250, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 250, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 250, 182);  
box-shadow:4px 4px 4px 4px rgb(102, 250,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1086, 74.5734, 56.1145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 250, 182) }
```

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

```
.background{ background-color: rgb(102,  
250, 182) }
```

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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