

Converting Colors

XYZ(49.2089, 50.7316,
108.6920)

Have a look what the booklet for
XYZ(49.2089, 50.7316, 108.6920)
contains.

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Color

**XYZ(48.0085, 50.3212,
101.7904)**

Conversions

Conversions Part 1

Format	Color
Hex	8FBFFF
RGB	143, 191, 255
RGB Percent	56%, 75%, 100%
CMY	0.4392, 0.2510, 0.0000
CMYK	0.44, 0.25, 0.00, 0.00
HSL	214°, 100%, 78%
HSV	214°, 44%, 100%
XYZ	48.0085, 50.3212, 101.7904
YIQ	183.9440, -49.1520, 9.7280

Conversions

Conversions Part 2

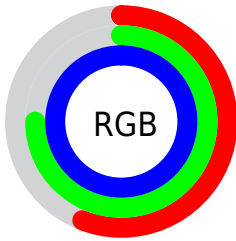
Format	Color
R _Y B	143, 177, 255
Decimal	9420799
CIE Lab	76.27, 0.50, -36.48
CIE LCh	76, 36.484, 270.781
Yxy	50.3212, 0.2399, 0.2515
Android (android.graphics.Color)	4287610879 (0xFF8FBFFF)
YUV	183.9440, 35.0306, -35.9079
Hunter-Lab	70.9374, -3.3366, -35.4209

Details

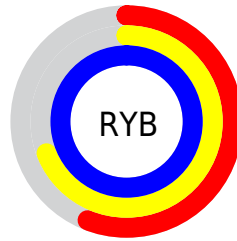
The XYZ color **48.0085, 50.3212, 101.7904** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **68.5117, 67.8700, 35.4779**, and the grayscale version is **45.3627, 47.7251, 51.9726**.

A 20% lighter version of the original color is **75.3982, 86.1590, 107.2642**, and **23.1193, 24.2326, 56.8849** is the 20% darker color. If you saturate the color by 10%, you get **41.0643, 42.2572, 100.5999**, and if you desaturate by 10%, it is **56.2752, 59.5384, 103.1338**.

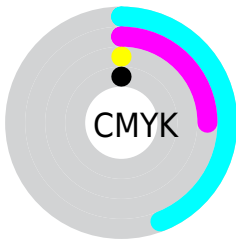
Distribution



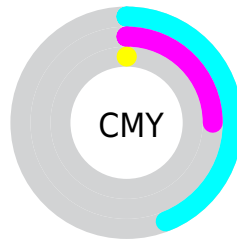
- Red (56%)
- Green (75%)
- Blue (100%)



- Red (56%)
- Yellow (69%)
- Blue (100%)



- Cyan (44%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.0085, 50.3212, 101.7904 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 48.0085, 50.3212, 101.7904 by changing the saturation by 10% instead.

■ 48.0085, 50.3212,
101.7904

■ 48.0085, 50.3212,
101.7904

369.4078,
387.9207, 587.2134

■ 34.0449, 35.6687,
77.1714

■ 86.4267, 90.6506,
165.6887

■ 23.0911, 24.1784,
56.8812

■ 111.6120,
117.0963, 205.8051

■ 14.7819, 15.4660,
40.5011

141.2685,
148.2418, 251.9245

■ 8.7518, 9.1471,
27.6127

175.7617,
184.4715, 304.4652

■ 4.6354, 4.8373,
17.7974

215.4569,
226.1699, 363.8459

■ 2.0675, 2.1521,
10.6367

260.7194,

■ 0.6715, 0.6937,

273.7213, 430.4852

5.7120

311.9146,
327.5101, 504.8015

■ 0.0000, 0.0000,
2.6048

■ 0.0000, 0.0000,
0.8950

■ 48.0085, 50.3212,
101.7904

■ 48.0085, 50.3212,
101.7904

■ 41.0643, 42.2572,
100.5999

■ 56.2752, 59.5384,
103.1338

■ 35.3599, 35.2870,
99.5551

■ 65.9310, 69.9530,
104.6351

■ 30.8096, 29.3532,
98.6496

■ 77.0431, 81.6134,
106.3001

■ 27.3135, 24.3893,
97.8758

■ 89.6730, 94.5634,
108.1340

■ 24.7510, 20.3171,
97.2248

95.0500, 100.0000,
108.9000

■ 23.5492, 18.2183,
96.8831

Harmonies

Analogous

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



41.6868, 50.3212, 94.7174



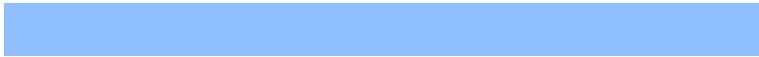
48.0085, 50.3212, 101.7904



54.8863, 50.3212, 93.9790

Triad

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



48.0085, 50.3212, 101.7904



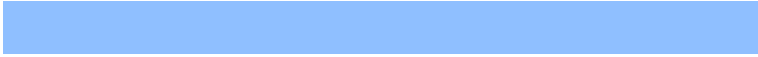
60.0522, 50.3212, 37.6746



37.2359, 50.3212, 38.3725

Complementary

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



48.0085, 50.3212, 101.7904



68.5117, 67.8700, 35.4779

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.



41.4038, 50.3212, 28.3663



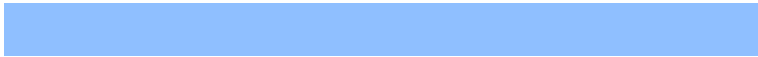
48.0085, 50.3212, 101.7904



54.5463, 50.3212, 28.0361

Square

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



48.0085, 50.3212, 101.7904



62.2348, 50.3212, 54.2788



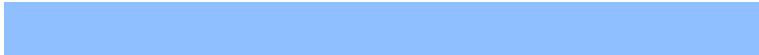
47.6495, 50.3212, 25.0803



35.8374, 50.3212, 55.3069

Rectangle

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



48.0085, 50.3212, 101.7904



58.7686, 50.3212, 82.2504



47.6495, 50.3212, 25.0803



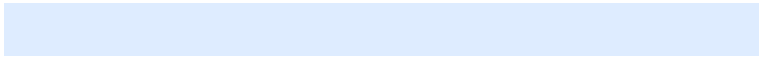
38.3385, 50.3212, 34.2449

Sweetspot

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



48.0100, 50.3230, 101.7907



78.1402, 82.7497, 106.4616



58.2862, 81.8392, 71.4162



16.1662, 17.1320, 22.7047



0.0000, 0.0000, 0.0000



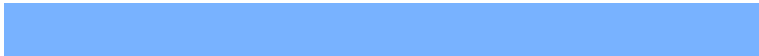
20.3446, 21.4041, 23.3091

Same Dimension

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



48.0100, 50.3230, 101.7907



41.6499, 42.9523, 100.7032



40.5379, 33.3953, 98.9171



17.6431, 18.6578, 22.9214



12.4461, 9.8018, 50.6705



1.3177, 1.1660, 4.9689

Inverse Universe

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



60.4675, 44.6682, 54.7268



55.9514, 37.8621, 46.3584



79.2646, 93.3747, 39.8341



18.3325, 18.1163, 20.3681



23.0704, 11.7175, 9.0213



2.2997, 1.1623, 1.1596

Previews

White Background



This preview shows how the XYZ color 48.0085, 50.3212, 101.7904 looks on a white background.

Color Contrast Check

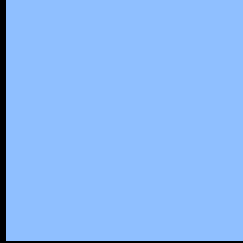
Large Text (above 18pt) WCAG AA × Fail

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 48.0085, 50.3212, 101.7904 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

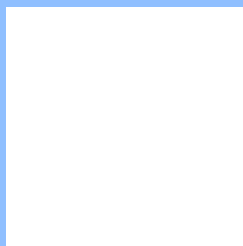
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.0085, 50.3212, 101.7904

Background



This preview shows how black text looks on a background with the XYZ color 48.0085, 50.3212, 101.7904.



This preview shows how white text looks on a background with the XYZ color 48.0085, 50.3212,

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

48.0085, 50.3212, 101.7904

Protanopia

51.1237, 50.0980, 98.2422

Deuteranopia

51.3353, 50.1334, 101.5788



Tritanopia

41.8474, 50.1487, 71.0924

Trichromacy



Original Color

48.0085, 50.3212, 101.7904

Protanomaly

49.8382, 50.0425, 99.1279

Deuteranomaly

49.9209, 50.0297, 101.6333

Tritanomaly

43.8113, 49.9216, 81.4555

Monochromacy



Original Color

48.0085, 50.3212, 101.7904

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.7654, 48.6288, 67.9470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0085, 50.3212, 101.7904 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(143, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(143, 191, 255)  
}
```

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(143, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 191, 255) }
```

Border

The CSS property to change the border of an element to XYZ 48.0085, 50.3212, 101.7904 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(143, 191, 255) }
```


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

```
.border{ border-color:rgb(143, 191, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 191, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 191, 255);  
box-shadow:4px 4px 4px 4px rgb(143, 191,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0085, 50.3212, 101.7904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 191, 255) }
```

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

```
.background{ background-color: rgb(143,  
191, 255) }
```

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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