

Converting Colors

XYZ(50.0218, 57.3670, 94.8227)

Have a look what the booklet for
XYZ(50.0218, 57.3670, 94.8227)
contains.

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Color

**XYZ(50.0218, 57.3670,
94.8227)**

Conversions

Conversions Part 1

Format	Color
Hex	8DD0F5
RGB	141, 208, 245
RGB Percent	55%, 82%, 96%
CMY	0.4470, 0.1843, 0.0392
CMYK	0.42, 0.15, 0.00, 0.04
HSL	201°, 84%, 76%
HSV	201°, 42%, 96%
XYZ	50.0218, 57.3670, 94.8227
YIQ	192.1850, -51.8090, -2.6970

Conversions

Conversions Part 2

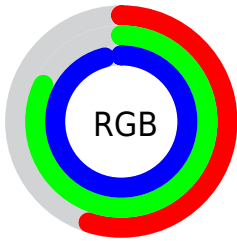
Format	Color
RYB	141, 182, 245
Decimal	9294069
CIELab	80.39, -11.77, -24.81
CIELCh	80, 27.459, 244.621
Yxy	57.3670, 0.2474, 0.2837
Android (android.graphics.Color)	4287484149 (0xFF8DD0F5)
YUV	192.1850, 26.0378, -44.8892
Hunter-Lab	75.7410, -14.6596, -21.2084

Details

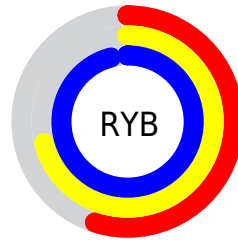
The XYZ color **50.0218, 57.3670, 94.8227** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **58.3856, 53.1777, 32.3882**, and the grayscale version is **50.0869, 52.6953, 57.3852**.

A 20% lighter version of the original color is **77.0987, 90.7458, 108.0599**, and **24.3971, 28.6701, 52.3921** is the 20% darker color. If you saturate the color by 10%, you get **44.2409, 51.3195, 93.9611**, and if you desaturate by 10%, it is **56.8445, 64.1275, 95.7690**.

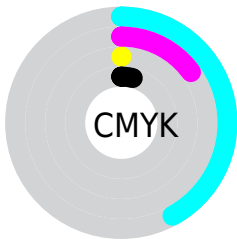
Distribution



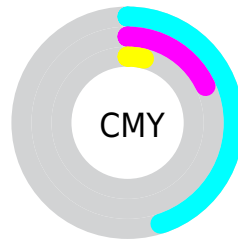
- Red (55%)
- Green (82%)
- Blue (96%)



- Red (55%)
- Yellow (71%)
- Blue (96%)



- Cyan (42%)
- Magenta (15%)
- Yellow (0%)
- Black (4%)



- Cyan (45%)
- Magenta (18%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.0218, 57.3670, 94.8227 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 50.0218, 57.3670, 94.8227 by changing the saturation by 10% instead.

■ 50.0218, 57.3670,
94.8227

■ 50.0218, 57.3670,
94.8227

377.2018,
414.8231, 564.5671

■ 35.6486, 41.3000,
71.3913

■ 89.3988, 101.0005,
156.0131

■ 24.3318, 28.5535,
52.1778

■ 115.1333,
129.3357, 194.6092

■ 15.7060, 18.7433,
36.7636

145.3856,
162.5292, 239.0974

■ 9.4059, 11.4850,
24.7302

180.5211,
200.9652, 289.8961

■ 5.0661, 6.3940,
15.6590

220.9051,
245.0282, 347.4238

■ 2.3212, 3.0861,
9.1314

266.9030,

■ 0.8055, 1.1769,

295.1026, 412.0992

4.7290

318.8801,
351.5728, 484.3408

■ 0.0000, 0.0427,
2.0332

■ 0.0000, 0.0000,
0.5756

■ 50.0218, 57.3670,
94.8227

■ 50.0218, 57.3670,
94.8227

■ 44.2409, 51.3195,
93.9611

■ 56.8445, 64.1275,
95.7690

■ 39.4331, 45.9430,
93.1768

■ 64.7612, 71.6268,
96.7993

■ 35.5293, 41.2003,
92.4671

■ 73.8269, 79.8971,
97.9178

■ 32.4482, 37.0467,
91.8277

■ 84.0911, 88.9665,
99.1274

■ 30.0918, 33.4286,
91.2536

■ 92.4016, 97.2126,
100.2810

■ 28.6811, 30.9917,
90.8576

■ 93.4816, 99.3726,
100.6410

Harmonies

Analogous

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



46.1036, 57.3670, 81.7581



50.0218, 57.3670, 94.8227



55.4013, 57.3670, 98.6881

Triad

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



50.0218, 57.3670, 94.8227



66.0276, 57.3670, 60.0012



48.6108, 57.3670, 40.2899

Complementary

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



50.0218, 57.3670, 94.8227



58.3856, 53.1777, 32.3882

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.



53.6592, 57.3670, 36.4040



50.0218, 57.3670, 94.8227



63.9154, 57.3670, 46.4708

Square

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



50.0218, 57.3670, 94.8227



64.8888, 57.3670, 76.6959



59.2920, 57.3670, 38.4561



45.3291, 57.3670, 50.1096

Rectangle

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



50.0218, 57.3670, 94.8227



59.1551, 57.3670, 95.0514



59.2920, 57.3670, 38.4561



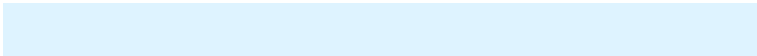
50.1442, 57.3670, 38.3310

Sweetspot

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



50.0236, 57.3692, 94.8241



80.2407, 86.9508, 107.1618



51.6142, 74.1592, 53.3999



16.6846, 18.1687, 22.8775



0.0000, 0.0000, 0.0000



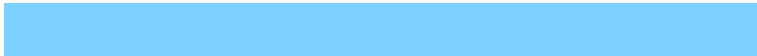
20.3446, 21.4041, 23.3091

Same Dimension

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



50.0236, 57.3692, 94.8241



49.2352, 57.0464, 103.0238



39.4570, 36.2360, 91.3019



16.4718, 17.7079, 21.0924



15.5864, 16.9665, 48.9914



1.4666, 1.6846, 4.3381

Inverse Universe

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



58.5678, 43.0181, 64.8932



60.0429, 40.5048, 64.8023



70.5953, 77.5972, 36.4581



16.9487, 16.6623, 19.4766



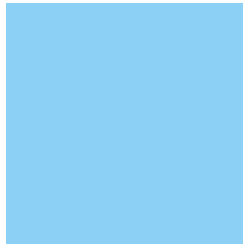
23.6718, 11.8122, 18.7778



2.1293, 1.0577, 1.9075

Previews

White Background



This preview shows how the XYZ color 50.0218, 57.3670, 94.8227 looks on a white background.

Color Contrast Check

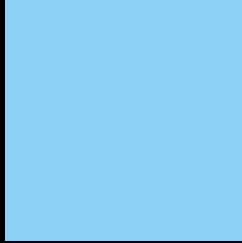
Large Text (above 18pt) WCAG AA × Fail

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 50.0218, 57.3670, 94.8227 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 50.0218, 57.3670, 94.8227

Background



This preview shows how black text looks on a background with the XYZ color 50.0218, 57.3670, 94.8227.

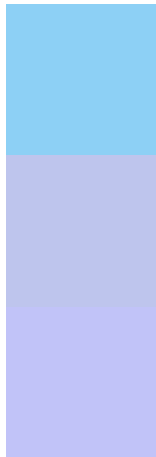


This preview shows how white text looks on a background with the XYZ color 50.0218, 57.3670,

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

50.0218, 57.3670, 94.8227

Protanopia

56.4875, 56.9941, 88.1445

Deuteranopia

58.4507, 57.1450, 96.7563



Tritanopia

47.4512, 57.4242, 81.9818

Trichromacy



Original Color

50.0218, 57.3670, 94.8227

Protanomaly

53.6281, 56.8352, 90.5819

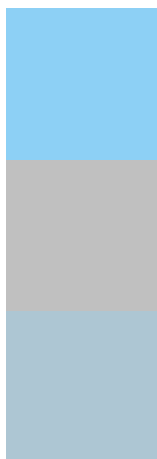
Deuteranomaly

54.8983, 57.0226, 96.1087

Tritanomaly

48.3791, 57.4370, 86.3785

Monochromacy



Original Color

50.0218, 57.3670, 94.8227

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.1855, 53.9756, 69.4540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0218, 57.3670, 94.8227 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(141, 208, 245)` looks like.

```
.text, #text, p{  
    color:rgb(141, 208, 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(141, 208, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 208, 245) }
```

Border

The CSS property to change the border of an element to XYZ 50.0218, 57.3670, 94.8227 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(141, 208, 245) }
```


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

```
.border{ border-color:rgb(141, 208, 245) }
```

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

Here you see how a box with a 4 pixel rgb(141, 208, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 208, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 208, 245);  
box-shadow:4px 4px 4px 4px rgb(141, 208,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0218, 57.3670, 94.8227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 208, 245) }
```

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

```
.background{ background-color: rgb(141,  
208, 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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