

Converting Colors

XYZ(52.5894, 49.8731, 94.7210)

Have a look what the booklet for
XYZ(52.5894, 49.8731, 94.7210)
contains.

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Color

**XYZ(52.8079, 50.1164,
94.8858)**

Conversions

Conversions Part 1

Format	Color
Hex	B6B6F7
RGB	182, 182, 247
RGB Percent	71%, 71%, 97%
CMY	0.2863, 0.2863, 0.0314
CMYK	0.26, 0.26, 0.00, 0.03
HSL	240°, 80%, 84%
HSV	240°, 26%, 97%
XYZ	52.8079, 50.1164, 94.8858
YIQ	189.4100, -20.8650, 20.2150

Conversions

Conversions Part 2

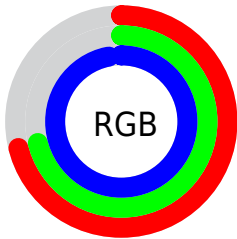
Format	Color
R _Y B	182, 182, 247
Decimal	11974391
CIE Lab	76.14, 13.89, -32.17
CIE LCh	76, 35.040, 293.349
Yxy	50.1164, 0.2670, 0.2534
Android (android.graphics.Color)	4290164471 (0xFFB6B6F7)
YUV	189.4100, 28.3919, -6.4986
Hunter-Lab	70.7929, 9.2642, -29.9130

Details

The XYZ color **52.8079, 50.1164, 94.8858** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.0629, 89.6738, 57.3468**, and the grayscale version is **48.4569, 50.9804, 55.5177**.

A 20% lighter version of the original color is **84.2211, 86.7198, 106.9074**, and **26.0466, 24.0074, 51.9763** is the 20% darker color. If you saturate the color by 10%, you get **42.8610, 38.1310, 93.0975**, and if you desaturate by 10%, it is **64.6791, 64.4204, 97.0219**.

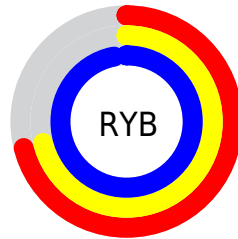
Distribution



Red (71%)

Green (71%)

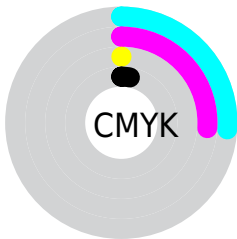
Blue (97%)



Red (71%)

Yellow (71%)

Blue (97%)

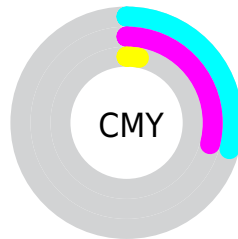


Cyan (26%)

Magenta (26%)

Yellow (0%)

Black (3%)



Cyan (29%)

Magenta (29%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8079, 50.1164, 94.8858 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 52.8079, 50.1164, 94.8858 by changing the saturation by 10% instead.

■ 52.8079, 50.1164,
94.8858

■ 52.8079, 50.1164,
94.8858

387.8206,
387.1210, 564.7743

■ 37.8763, 35.5059,
71.4436

■ 93.4888, 90.3473,
156.1010

■ 26.0635, 24.0528,
52.2202

119.9689,
116.7365, 194.7111

■ 17.0041, 15.3728,
36.7972

151.0291,
147.8207, 239.2143

■ 10.3327, 9.0815,
24.7559

187.0349,
183.9844, 290.0290

■ 5.6841, 4.7944,
15.6779

228.3516,
225.6118, 347.5738

■ 2.6928, 2.1271,
9.1447

275.3445,

■ 0.9935, 0.6798,

273.0875, 412.2672

4.7376

328.3791,
326.7957, 484.5279

■ 0.0000, 0.0000,
2.0381

■ 0.0000, 0.0000,
0.5786

■ 52.8079, 50.1164,
94.8858

■ 52.8079, 50.1164,
94.8858

■ 42.8610, 38.1310,
93.0975

■ 64.6791, 64.4204,
97.0219

■ 34.7324, 28.3366,
91.6354

■ 78.5631, 81.1497,
99.5192

■ 28.3136, 20.6024,
90.4809

■ 93.7887, 99.4955,
102.2579

■ 23.4828, 14.7815,
89.6119

■ 20.1016, 10.7073,
89.0038

■ 18.0083, 8.1851,
88.6272

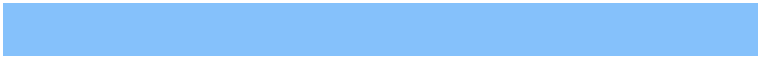
■ 17.0014, 6.9718,
88.4461

■ 16.7887, 6.7155,
88.4079

Harmonies

Analogous

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



46.1888, 50.1164, 98.8648



52.8079, 50.1164, 94.8858



58.4823, 50.1164, 79.0849

Triad

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



52.8079, 50.1164, 94.8858



55.5636, 50.1164, 30.4230



36.1764, 50.1164, 50.4923

Complementary

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



52.8079, 50.1164, 94.8858



80.0629, 89.6738, 57.3468

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.



38.2180, 50.1164, 35.7274



52.8079, 50.1164, 94.8858



49.1093, 50.1164, 25.9867

Square

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



52.8079, 50.1164, 94.8858



60.1725, 50.1164, 41.4718



42.8098, 50.1164, 27.6773



36.9710, 50.1164, 70.1668

Rectangle

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



52.8079, 50.1164, 94.8858



60.7632, 50.1164, 65.5822



42.8098, 50.1164, 27.6773



36.5471, 50.1164, 44.8621

Sweetspot

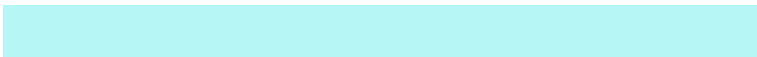
The Sweet Spot groups the original color and five complimentary colors.



52.8096, 50.1184, 94.8870



81.7730, 84.0021, 106.5119



69.1752, 83.1164, 99.5197



17.0031, 17.3778, 22.7080



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.



52.8096, 50.1184, 94.8870



50.3927, 46.1909, 100.8675



61.0795, 54.3816, 95.2740



15.5812, 15.9268, 20.7955



8.8789, 3.5516, 46.7556



0.7804, 0.3122, 4.1094

Inverse Universe

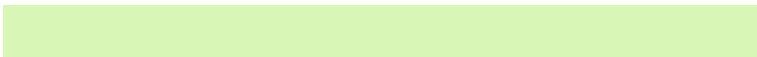
The Inverse Universe completely reimagines the original color for something new.



63.5306, 56.6092, 51.8362



63.8420, 54.3334, 46.8612



69.9015, 84.4355, 56.8713



16.4992, 16.4825, 17.1094



20.2862, 10.4579, 0.9494



1.7830, 0.9191, 0.0835

Previews

White Background



This preview shows how the XYZ color 52.8079, 50.1164, 94.8858 looks on a white background.

Color Contrast Check

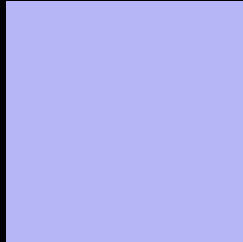
Large Text (above 18pt) WCAG AA × Fail

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 52.8079, 50.1164, 94.8858 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 52.8079, 50.1164, 94.8858

Background



This preview shows how black text looks on a background with the XYZ color 52.8079, 50.1164, 94.8858.

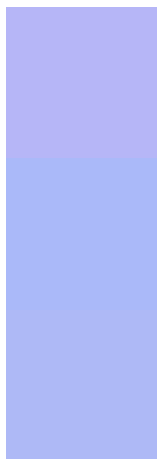


This preview shows how white text looks on a background with the XYZ color 52.8079, 50.1164,

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

52.8079, 50.1164, 94.8858

Protanopia

51.0254, 50.0835, 96.6003

Deuteranopia

51.4391, 50.3504, 94.1962



Tritanopia

46.8885, 50.2334, 64.9823

Trichromacy



Original Color

52.8079, 50.1164, 94.8858

Protanomaly

51.5393, 50.0570, 95.7525

Deuteranomaly

51.9065, 50.2819, 94.1584

Tritanomaly

48.8201, 50.0551, 74.7986

Monochromacy



Original Color

52.8079, 50.1164, 94.8858

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.4415, 50.2101, 68.0584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8079, 50.1164, 94.8858 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(182, 182, 247)` looks like.

```
.text, #text, p{  
    color:rgb(182, 182, 247)  
}
```

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(182, 182, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 182, 247) }
```

Border

The CSS property to change the border of an element to XYZ 52.8079, 50.1164, 94.8858 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(182, 182, 247) }
```


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

```
.border{ border-color:rgb(182, 182, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 182, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 182, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 182, 247);  
box-shadow:4px 4px 4px 4px rgb(182, 182,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8079, 50.1164, 94.8858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 182, 247) }
```

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

```
.background{ background-color: rgb(182,  
182, 247) }
```

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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