

Converting Colors

XYZ(55.6558, 49.8872,
100.1410)

Have a look what the booklet for
XYZ(55.6558, 49.8872, 100.1410)
contains.

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Color

**XYZ(55.8597, 50.0694,
100.4862)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B1FE
RGB	194, 177, 254
RGB Percent	76%, 69%, 100%
CMY	0.2392, 0.3059, 0.0039
CMYK	0.24, 0.30, 0.00, 0.00
HSL	253°, 97%, 85%
HSV	253°, 30%, 100%
XYZ	55.8597, 50.0694, 100.4862
YIQ	190.8610, -14.5850, 27.5510

Conversions

Conversions Part 2

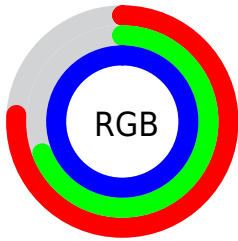
Format	Color
RYB	194, 177, 254
Decimal	12759550
CIELab	76.11, 21.78, -35.91
CIELCh	76, 41.998, 301.242
Yxy	50.0694, 0.2706, 0.2426
Android (android.graphics.Color)	4290949630 (0xFFC2B1FE)
YUV	190.8610, 31.1275, 2.7529
Hunter-Lab	70.7597, 17.0833, -34.6662

Details

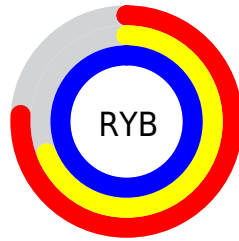
The XYZ color **55.8597, 50.0694, 100.4862** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.3041, 92.0636, 55.2400**, and the grayscale version is **49.2737, 51.8397, 56.4535**.

A 20% lighter version of the original color is **86.9726, 86.0071, 106.6248**, and **27.9332, 23.9355, 55.9711** is the 20% darker color. If you saturate the color by 10%, you get **46.5561, 38.5068, 98.7456**, and if you desaturate by 10%, it is **66.7769, 63.8521, 102.5720**.

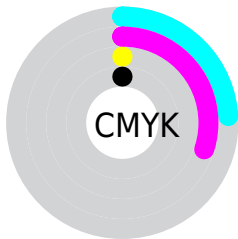
Distribution



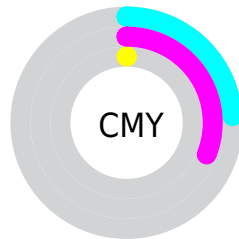
- Red (76%)
- Green (69%)
- Blue (100%)



- Red (76%)
- Yellow (69%)
- Blue (100%)



- Cyan (24%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8597, 50.0694, 100.4862 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 55.8597, 50.0694, 100.4862 by changing the saturation by 10% instead.

■ 55.8597, 50.0694,
100.4862

■ 55.8597, 50.0694,
100.4862

399.2462,
386.9373, 583.0103

■ 40.3270, 35.4685,
76.0875

■ 97.9404, 90.2777,
163.8829

■ 27.9789, 24.0240,
55.9972

125.2191,
116.6539, 203.7179

■ 18.4502, 15.3514,
39.7967

157.1439,
147.7241, 249.5355

■ 11.3753, 9.0664,
27.0675

194.0801,
183.8725, 301.7542

■ 6.3890, 4.7845,
17.3910

236.3931,
225.4837, 360.7924

■ 3.1259, 2.1214,
10.3488

284.4482,

■ 1.2207, 0.6766,

272.9419, 427.0689

5.5222

338.6108,
326.6317, 501.0020

■ 0.1226, 0.0000,
2.4927

■ 0.0000, 0.0000,
0.8363

■ 55.8597, 50.0694,
100.4862

■ 55.8597, 50.0694,
100.4862

■ 46.5561, 38.5068,
98.7456

■ 66.7769, 63.8521,
102.5720

■ 38.7827, 29.0408,
97.3282

■ 79.3756, 79.9577,
105.0166

■ 32.4558, 21.5450,
96.2148

■ 93.7259, 98.4895,
107.8373

■ 27.4815, 15.8765,
95.3828

■ 94.8896, 99.9358,
108.0551

■ 23.7539, 11.8724,
94.8064

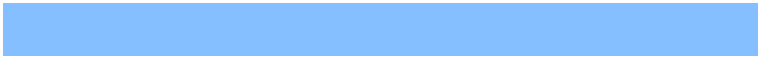
■ 21.1499, 9.3402,
94.4549

■ 19.5248, 7.9988,
94.2817

Harmonies

Analogous

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



47.9176, 50.0694, 110.1968



55.8597, 50.0694, 100.4862



62.0943, 50.0694, 78.0848

Triad

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



55.8597, 50.0694, 100.4862



55.2311, 50.0694, 24.7119



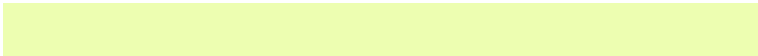
34.0316, 50.0694, 55.4601

Complementary

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



55.8597, 50.0694, 100.4862



78.3041, 92.0636, 55.2400

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.



35.5400, 50.0694, 36.2440



55.8597, 50.0694, 100.4862



47.2628, 50.0694, 21.7013

Square

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



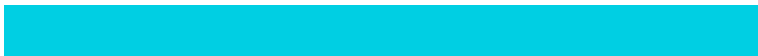
55.8597, 50.0694, 100.4862



61.7042, 50.0694, 35.0210



40.1787, 50.0694, 25.2693



35.8102, 50.0694, 80.1666

Rectangle

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



55.8597, 50.0694, 100.4862



64.1300, 50.0694, 61.3710



40.1787, 50.0694, 25.2693



34.1698, 50.0694, 48.1934

Sweetspot

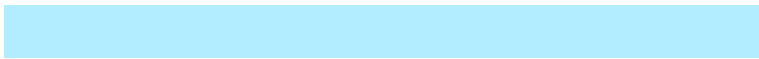
The Sweet Spot groups the original color and five complimentary colors.



55.8614, 50.0714, 100.4873



81.8848, 82.9860, 106.3099



66.3984, 77.2563, 105.1792



17.1004, 17.2142, 22.6713



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.



55.8614, 50.0714, 100.4873



50.8225, 43.6101, 100.3467



66.9513, 55.7885, 101.0063



17.3780, 17.5711, 22.7256



10.3955, 4.2696, 49.7108



1.1006, 0.4613, 4.8443

Inverse Universe

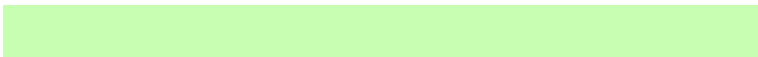
The Inverse Universe completely reimagines the original color for something new.



71.8827, 58.6314, 87.6506



69.3295, 53.5082, 85.0690



66.8837, 86.1762, 54.7056



18.6109, 18.2277, 21.8341



26.9757, 13.2796, 29.5864



2.6669, 1.3091, 3.0932

Previews

White Background



This preview shows how the XYZ color 55.8597, 50.0694, 100.4862 looks on a white background.

Color Contrast Check

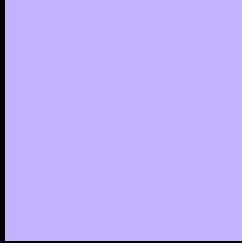
Large Text (above 18pt) WCAG AA × Fail

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 55.8597, 50.0694, 100.4862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

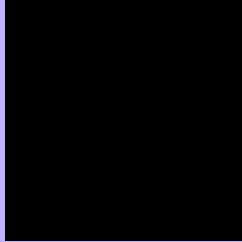
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.8597, 50.0694, 100.4862

Background



This preview shows how black text looks on a background with the XYZ color 55.8597, 50.0694, 100.4862.

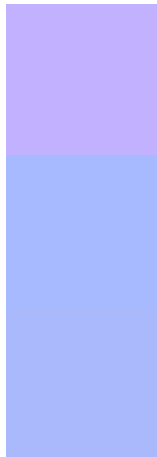


This preview shows how white text looks on a background with the XYZ color 55.8597, 50.0694,

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

55.8597, 50.0694, 100.4862

Protanopia

51.3353, 50.1334, 101.5788

Deuteranopia

51.4972, 50.2722, 99.0848



Tritanopia

48.1982, 49.9953, 62.9869

Trichromacy



Original Color

55.8597, 50.0694, 100.4862

Protanomaly

52.9094, 50.0230, 101.4745

Deuteranomaly

53.0480, 50.1315, 99.8089

Tritanomaly

50.7237, 49.7788, 75.3415

Monochromacy



Original Color

55.8597, 50.0694, 100.4862

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.4347, 51.1793, 70.7860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8597, 50.0694, 100.4862 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(194, 177, 254)` looks like.

```
.text, #text, p{  
    color:rgb(194, 177, 254)  
}
```

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(194, 177, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 177, 254) }
```

Border

The CSS property to change the border of an element to XYZ 55.8597, 50.0694, 100.4862 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(194, 177, 254) }
```


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

```
.border{ border-color:rgb(194, 177, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 177, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 177, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 177, 254);  
box-shadow:4px 4px 4px 4px rgb(194, 177,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8597, 50.0694, 100.4862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 177, 254) }
```

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

```
.background{ background-color: rgb(194,  
177, 254) }
```

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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