

Converting Colors

XYZ(70.7813, 56.6813,
179.8964)

Have a look what the booklet for
XYZ(70.7813, 56.6813, 179.8964)
contains.

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Color

**XYZ(55.9083, 50.6667,
101.4407)**

Conversions

Conversions Part 1

Format	Color
Hex	C0B3FF
RGB	192, 179, 255
RGB Percent	75%, 70%, 100%
CMY	0.2470, 0.2980, 0.0000
CMYK	0.25, 0.30, 0.00, 0.00
HSL	250°, 100%, 85%
HSV	250°, 30%, 100%
XYZ	55.9083, 50.6667, 101.4407
YIQ	191.5510, -16.6480, 26.3920

Conversions

Conversions Part 2

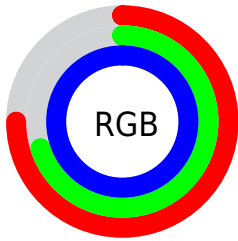
Format	Color
R_{YB}	192, 179, 255
Decimal	12628991
CIE _{Lab}	76.48, 20.33, -35.89
CIE _{LCh}	76, 41.251, 299.529
Yxy	50.6667, 0.2688, 0.2436
Android (android.graphics.Color)	4290819071 (0xFFC0B3FF)
YUV	191.5510, 31.2804, 0.3938
Hunter-Lab	71.1805, 15.6357, -34.6689

Details

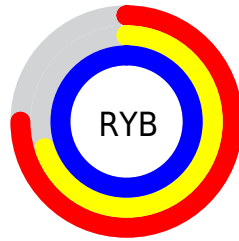
The XYZ color **55.9083, 50.6667, 101.4407** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.5154, 93.6523, 56.4830**, and the grayscale version is **49.6734, 52.2602, 56.9114**.

A 20% lighter version of the original color is **86.8253, 86.7764, 106.7811**, and **27.9704, 24.3173, 56.6456** is the 20% darker color. If you saturate the color by 10%, you get **46.2890, 38.8105, 99.6592**, and if you desaturate by 10%, it is **67.2444, 64.8130, 103.5737**.

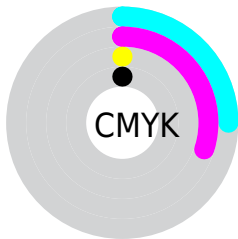
Distribution



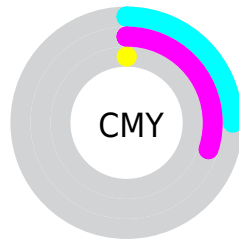
- Red (75%)
- Green (70%)
- Blue (100%)



- Red (75%)
- Yellow (70%)
- Blue (100%)



- Cyan (25%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9083, 50.6667, 101.4407 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 55.9083, 50.6667, 101.4407 by changing the saturation by 10% instead.

■ 55.9083, 50.6667,
101.4407

■ 55.9083, 50.6667,
101.4407

399.4265,
389.2675, 586.0880

■ 40.3661, 35.9434,
76.8807

■ 98.0111, 91.1619,
165.2047

■ 28.0096, 24.3905,
56.6440

125.3024,
117.7026, 205.2459

■ 18.4734, 15.6235,
40.3120

157.2408,
148.9513, 251.2844

■ 11.3921, 9.2582,
27.4663

194.1916,
185.2923, 303.7390

■ 6.4005, 4.9100,
17.6882

236.5202,
227.1100, 363.0281

■ 3.1330, 2.1945,
10.5592

284.5920,

■ 1.2245, 0.7170,

274.7888, 429.5702

5.6609

338.7723,
328.7132, 503.7840

■ 0.1256, 0.0000,
2.5746

■ 0.0000, 0.0000,
0.8793

■ 55.9083, 50.6667,
101.4407

■ 55.9083, 50.6667,
101.4407

■ 46.2890, 38.8105,
99.6592

■ 67.2444, 64.8130,
103.5737

■ 38.2970, 29.1175,
98.2095

■ 80.3715, 81.3556,
106.0749

■ 31.8418, 21.4570,
97.0711

95.0500, 100.0000,
108.9000

■ 26.8218, 15.6821,
96.2210

■ 23.1224, 11.6252,
95.6329

■ 20.6109, 9.0887,
95.2757

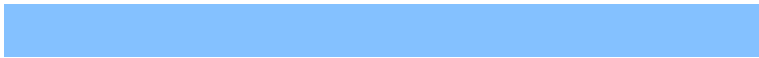
■ 19.0957, 7.7672,
95.1005

■ 19.0723, 7.7470,
95.0978

Harmonies

Analogous

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



48.0344, 50.6667, 110.0174



55.9083, 50.6667, 101.4407



62.2269, 50.6667, 79.8542

Triad

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



55.9083, 50.6667, 101.4407



56.1437, 50.6667, 25.8801



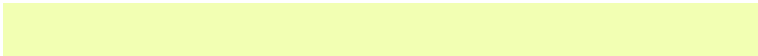
34.7004, 50.6667, 54.8163

Complementary

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



55.9083, 50.6667, 101.4407



80.5154, 93.6523, 56.4830

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.



36.3862, 50.6667, 36.1781



55.9083, 50.6667, 101.4407



48.2802, 50.6667, 22.4721

Square

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



55.9083, 50.6667, 101.4407



62.3728, 50.6667, 36.6402



41.1578, 50.6667, 25.6682



36.2844, 50.6667, 79.0768

Rectangle

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



55.9083, 50.6667, 101.4407



64.4062, 50.6667, 63.3208



41.1578, 50.6667, 25.6682



34.9005, 50.6667, 47.7458

Sweetspot

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



55.9099, 50.6686, 101.4410



81.5046, 82.7901, 106.2921



68.4930, 80.5075, 106.5373



17.0074, 17.1663, 22.6670



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.



55.9099, 50.6686, 101.4410



49.7505, 43.0575, 100.2965



66.6976, 56.2299, 101.9459



17.2925, 17.5270, 22.7216



10.0496, 4.0912, 49.6946



1.0551, 0.4378, 4.8422

Inverse Universe

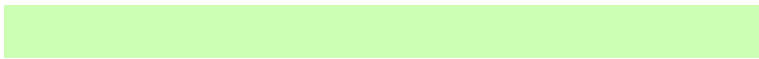
The Inverse Universe completely reimagines the original color for something new.



73.3881, 59.9127, 91.7017



69.9968, 53.7751, 88.5827



68.8911, 87.6597, 55.9390



18.6514, 18.2439, 22.0475



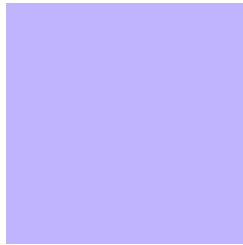
27.7667, 13.5960, 33.7516



2.7372, 1.3373, 3.4634

Previews

White Background



This preview shows how the XYZ color 55.9083, 50.6667, 101.4407 looks on a white background.

Color Contrast Check

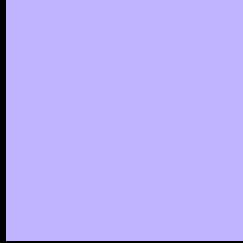
Large Text (above 18pt) WCAG AA × Fail

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 55.9083, 50.6667, 101.4407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

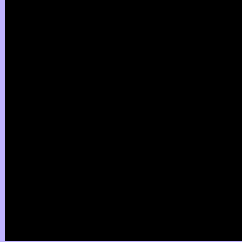
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.9083, 50.6667, 101.4407

Background



This preview shows how black text looks on a background with the XYZ color 55.9083, 50.6667, 101.4407.



This preview shows how white text looks on a background with the XYZ color 55.9083, 50.6667,

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

55.9083, 50.6667, 101.4407

Protanopia

51.9711, 50.7728, 101.6687

Deuteranopia

52.2429, 50.9315, 100.8432



Tritanopia

48.3881, 50.6999, 64.3625

Trichromacy



Original Color

55.9083, 50.6667, 101.4407

Protanomaly

53.1149, 50.4341, 101.5430

Deuteranomaly

53.4133, 50.6064, 100.7188

Tritanomaly

50.9179, 50.4647, 76.8690

Monochromacy



Original Color

55.9083, 50.6667, 101.4407

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.7743, 51.6534, 71.5313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9083, 50.6667, 101.4407 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(192, 179, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 179, 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(192, 179, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 179, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.9083, 50.6667, 101.4407 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(192, 179, 255) }
```


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

```
.border{ border-color:rgb(192, 179, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 179, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 179, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 179, 255);  
box-shadow:4px 4px 4px 4px rgb(192, 179,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9083, 50.6667, 101.4407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 179, 255) }
```

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

```
.background{ background-color: rgb(192,  
179, 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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