

Converting Colors

XYZ(56.0930, 50.3515,
103.4590)

Have a look what the booklet for
XYZ(56.0930, 50.3515, 103.4590)
contains.

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Color

**XYZ(55.7086, 50.2673,
101.3741)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C0B2FF |
| RGB | 192, 178, 255 |
| RGB Percent | 75%, 70%, 100% |
| CMY | 0.2470, 0.3019, 0.0000 |
| CMYK | 0.25, 0.30, 0.00, 0.00 |
| HSL | 251°, 100%, 85% |
| HSV | 251°, 30%, 100% |
| XYZ | 55.7086, 50.2673, 101.3741 |
| YIQ | 190.9640, -16.3730, 26.9150 |

Conversions

Conversions Part 2

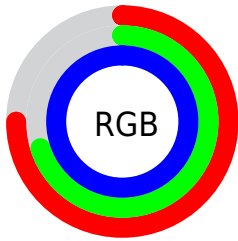
| Format | Color |
|-------------------------------------|--|
| RYB | 192, 178, 255 |
| Decimal | 12628735 |
| CIELab | 76.23, 20.88, -36.27 |
| CIElCh | 76, 41.852, 299.931 |
| Yxy | 50.2673, 0.2687, 0.2424 |
| Android (android.graphics.Color) | 4290818815 (0xFFC0B2FF) |
| YUV | 190.9640, 31.5697, 0.9086 |
| Hunter-Lab | 70.8994, 16.1808, -35.1450 |

Details

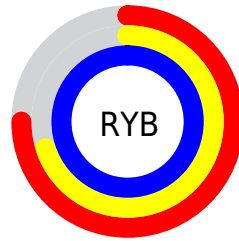
The XYZ color **55.7086, 50.2673, 101.3741** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.0723, 93.4355, 55.9362**, and the grayscale version is **49.3314, 51.9005, 56.5196**.

A 20% lighter version of the original color is **86.5397, 86.2054, 106.6859**, and **27.8432, 24.0628, 56.6032** is the 20% darker color. If you saturate the color by 10%, you get **46.1851, 38.5140, 99.6075**, and if you desaturate by 10%, it is **66.9271, 64.2965, 103.4908**.

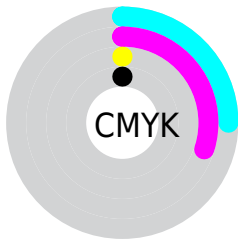
Distribution



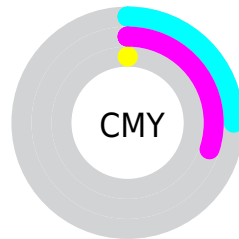
- Red (75%)
- Green (70%)
- Blue (100%)



- 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 55.7086, 50.2673, 101.3741 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 55.7086, 50.2673, 101.3741 by changing the saturation by 10% instead.

■ 55.7086, 50.2673,
101.3741

■ 55.7086, 50.2673,
101.3741

398.6853,
387.7103, 585.8735

■ 40.2054, 35.6258,
76.8253

■ 97.7207, 90.5708,
165.1125

■ 27.8837, 24.1454,
56.5988

124.9603,
117.0016, 205.1393

■ 18.3780, 15.4415,
40.2760

156.8427,
148.1310, 251.1625

■ 11.3230, 9.1298,
27.4384

193.7334,
184.3434, 303.6006

■ 6.3534, 4.8260,
17.6674

235.9976,
226.0231, 362.8722

■ 3.1039, 2.1455,
10.5445

284.0008,

■ 1.2089, 0.6900,

273.5545, 429.3959

5.6512

338.1082,
327.3222, 503.5901

■ 0.1134, 0.0000,
2.5688

■ 0.0000, 0.0000,
0.8763

■ 55.7086, 50.2673,
101.3741

■ 55.7086, 50.2673,
101.3741

■ 46.1851, 38.5140,
99.6075

■ 66.9271, 64.2965,
103.4908

■ 38.2683, 28.9100,
98.1710

■ 79.9137, 80.7077,
105.9740

■ 31.8687, 21.3250,
97.0442

94.7428, 99.6071,
108.8403

■ 26.8859, 15.6120,
96.2041

95.0500, 100.0000,
108.9000

■ 23.2069, 11.6039,
95.6244

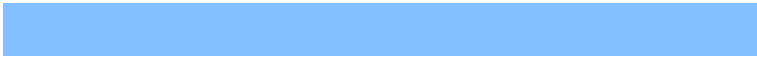
■ 20.7001, 9.1024,
95.2737

■ 19.1931, 7.8093,
95.1035

Harmonies

Analogous

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



47.7593, 50.2673, 110.3171



55.7086, 50.2673, 101.3741



62.0617, 50.2673, 79.3655

Triad

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



55.7086, 50.2673, 101.3741



55.7437, 50.2673, 25.2057



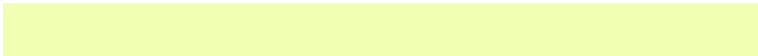
34.2213, 50.2673, 54.6802

Complementary

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



55.7086, 50.2673, 101.3741



80.0723, 93.4355, 55.9362

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.



35.8728, 50.2673, 35.8100



55.7086, 50.2673, 101.3741



47.7958, 50.2673, 21.8941

Square

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



55.7086, 50.2673, 101.3741



62.0835, 50.2673, 35.8784



40.6374, 50.2673, 25.1745



35.8577, 50.2673, 79.2494

Rectangle

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



55.7086, 50.2673, 101.3741



64.2273, 50.2673, 62.6411



40.6374, 50.2673, 25.1745



34.4077, 50.2673, 47.5193

Sweetspot

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



55.7101, 50.2692, 101.3744



81.5867, 82.8324, 106.2959



68.2130, 80.2894, 106.5099



17.0275, 17.1766, 22.6679



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.



55.7101, 50.2692, 101.3744



49.9796, 43.1756, 100.3073



66.3912, 55.7755, 101.8743



17.3110, 17.5365, 22.7225



10.1169, 4.1259, 49.6978



1.0643, 0.4426, 4.8426

Inverse Universe

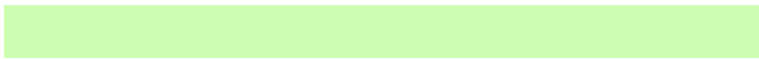
The Inverse Universe completely reimagines the original color for something new.



73.0386, 59.4533, 90.8461



69.8509, 53.7167, 87.8144



68.6076, 87.5252, 55.3997



18.6426, 18.2404, 22.0012



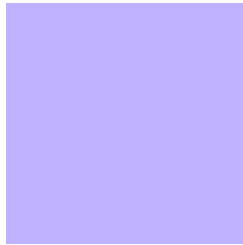
27.5901, 13.5253, 32.8218



2.7216, 1.3310, 3.3811

Previews

White Background



This preview shows how the XYZ color 55.7086, 50.2673, 101.3741 looks on a white background.

Color Contrast Check

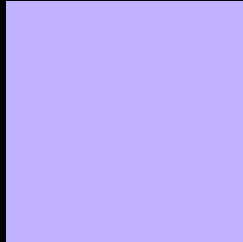
Large Text (above 18pt) WCAG AA × Fail

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 55.7086, 50.2673, 101.3741 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 55.7086, 50.2673, 101.3741

Background



This preview shows how black text looks on a background with the XYZ color 55.7086, 50.2673, 101.3741.

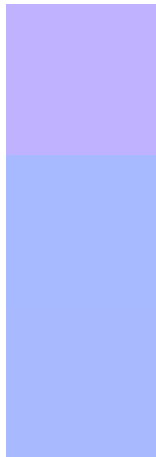


This preview shows how white text looks on a background with the XYZ color 55.7086, 50.2673,

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

55.7086, 50.2673, 101.3741

Protanopia

51.7574, 50.6626, 101.6587

Deuteranopia

51.6005, 50.2887, 100.7530



Tritanopia

48.0541, 50.2233, 63.6613

Trichromacy



Original Color

55.7086, 50.2673, 101.3741

Protanomaly

53.1149, 50.4341, 101.5430

Deuteranomaly

52.7488, 49.9588, 100.6288

Tritanomaly

50.5750, 49.9940, 76.0915

Monochromacy



Original Color

55.7086, 50.2673, 101.3741

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.1824, 51.0492, 70.7742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7086, 50.2673, 101.3741 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, 178, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 178, 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, 178, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 178, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.7086, 50.2673, 101.3741 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, 178, 255) }
```


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

```
.border{ border-color:rgb(192, 178, 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, 178, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 178, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 178, 255);  
box-shadow:4px 4px 4px 4px rgb(192, 178,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7086, 50.2673, 101.3741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 178, 255) }
```

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

```
.background{ background-color: rgb(192,  
178, 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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