

Converting Colors

XYZ(53.9990, 52.0757, 78.0378)

Have a look what the booklet for
XYZ(53.9990, 52.0757, 78.0378)
contains.

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Color

**XYZ(53.8295, 51.9501,
77.7113)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B9E0
RGB	197, 185, 224
RGB Percent	77%, 73%, 88%
CMY	0.2274, 0.2745, 0.1216
CMYK	0.12, 0.17, 0.00, 0.12
HSL	258°, 39%, 80%
HSV	258°, 17%, 88%
XYZ	53.8295, 51.9501, 77.7113
YIQ	193.0340, -5.3670, 14.6730

Conversions

Conversions Part 2

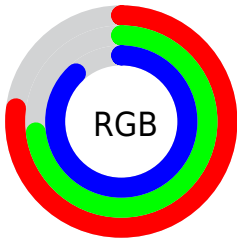
Format	Color
R _Y B	197, 185, 224
Decimal	12958176
CIE Lab	77.25, 11.74, -17.96
CIE LCh	77, 21.450, 303.168
Yxy	51.9501, 0.2934, 0.2831
Android (android.graphics.Color)	4291148256 (0xFFC5B9E0)
YUV	193.0340, 15.2662, 3.4782
Hunter-Lab	72.0764, 7.1771, -13.4718

Details

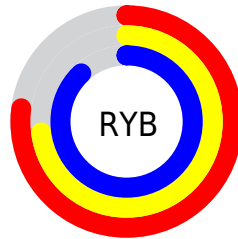
The XYZ color **53.8295, 51.9501, 77.7113** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **62.5658, 70.8125, 56.2720**, and the grayscale version is **50.6253, 53.2618, 58.0020**.

A 20% lighter version of the original color is **90.3783, 91.2014, 107.4479**, and **26.7404, 25.2067, 40.9921** is the 20% darker color. If you saturate the color by 10%, you get **45.6537, 41.3195, 76.0911**, and if you desaturate by 10%, it is **63.1645, 64.2769, 79.5994**.

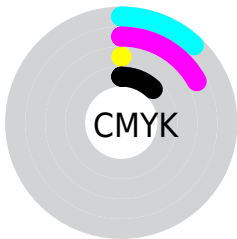
Distribution



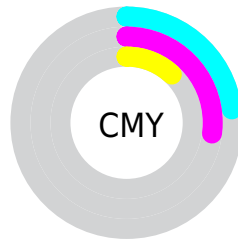
- Red (77%)
- Green (73%)
- Blue (88%)



- Red (77%)
- Yellow (73%)
- Blue (88%)



- Cyan (12%)
- Magenta (17%)
- Yellow (0%)
- Black (12%)



- Cyan (23%)
- Magenta (27%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8295, 51.9501, 77.7113 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 53.8295, 51.9501, 77.7113 by changing the saturation by 10% instead.

■ 53.8295, 51.9501,
77.7113

■ 53.8295, 51.9501,
77.7113

391.6685,
394.2439, 506.6877

■ 38.6955, 36.9653,
57.3218

■ 94.9822, 93.0576,
131.9252

■ 26.7026, 25.1806,
40.8526

121.7316,
119.9492, 166.5868

■ 17.4854, 16.2117,
27.8851

153.0836,
151.5784, 206.8427

■ 10.6786, 9.6741,
18.0008

189.4034,
188.3297, 253.1116

■ 5.9169, 5.1834,
10.7811

231.0564,
230.5876, 305.8120

■ 2.8348, 2.3553,
5.8075

278.4081,

■ 1.0670, 0.8027,

278.7363, 365.3625

2.6615

331.8236,
333.1603, 432.1816

■ 0.0000, 0.0000,
0.9240

■ 0.0000, 0.0000,
0.0000

■ 53.8295, 51.9501,
77.7113

■ 53.8295, 51.9501,
77.7113

■ 45.6537, 41.3195,
76.0911

■ 63.1645, 64.2769,
79.5994

■ 38.5854, 32.3031,
74.7233

■ 73.6982, 78.3640,
81.7633

■ 32.5756, 24.8220,
73.5961

■ 85.4741, 94.2802,
84.2148

■ 27.5699, 18.7875,
72.6951

■ 90.4547, 98.1619,
84.7015

■ 23.5084, 14.1020,
72.0048

■ 20.3245, 10.6551,
71.5073

■ 17.9413, 8.3184,
71.1819

■ 16.2603, 6.9217,
71.0009

■ 15.9029, 6.6440,
70.9661

Harmonies

Analogous

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



49.8152, 51.9501, 82.3153



53.8295, 51.9501, 77.7113



56.7724, 51.9501, 67.4116

Triad

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



53.8295, 51.9501, 77.7113



53.0318, 51.9501, 38.6720



41.8970, 51.9501, 57.8254

Complementary

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



53.8295, 51.9501, 77.7113



62.5658, 70.8125, 56.2720

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.



42.6534, 51.9501, 46.9488



53.8295, 51.9501, 77.7113



48.9414, 51.9501, 36.8370

Square

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



53.8295, 51.9501, 77.7113



56.2942, 51.9501, 45.0605



45.1771, 51.9501, 39.6512



43.0510, 51.9501, 69.8774

Rectangle

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



53.8295, 51.9501, 77.7113



57.6494, 51.9501, 59.3009



45.1771, 51.9501, 39.6512



41.9364, 51.9501, 53.9143

Sweetspot

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



53.8311, 51.9523, 77.7125



87.9432, 90.4972, 107.4404



57.0825, 62.9349, 79.6610



18.6168, 19.0947, 22.9544



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.



53.8311, 51.9523, 77.7125



67.9327, 64.0973, 103.3993



59.1832, 54.7114, 77.9629



13.3467, 13.4468, 17.2797



9.3599, 3.9205, 41.3118



0.7383, 0.3179, 2.8677

Inverse Universe

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



59.9749, 55.3009, 69.8029



77.7416, 69.4474, 90.6012



57.3557, 68.1266, 56.0282



14.1061, 13.8601, 16.3288



21.3948, 10.6249, 19.2765



1.5225, 0.7523, 1.5441

Previews

White Background



This preview shows how the XYZ color 53.8295, 51.9501, 77.7113 looks on a white background.

Color Contrast Check

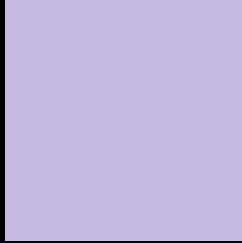
Large Text (above 18pt) WCAG AA × Fail

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 53.8295, 51.9501, 77.7113 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 53.8295, 51.9501, 77.7113

Background



This preview shows how black text looks on a background with the XYZ color 53.8295, 51.9501, 77.7113.



This preview shows how white text looks on a background with the XYZ color 53.8295, 51.9501,

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

53.8295, 51.9501, 77.7113

Protanopia

51.5912, 52.0085, 79.9925

Deuteranopia

53.0058, 51.8371, 77.7329



Tritanopia

51.2252, 52.1763, 63.8711

Trichromacy



Original Color

53.8295, 51.9501, 77.7113

Protanomaly

52.4497, 52.1488, 79.2528

Deuteranomaly

53.2616, 51.9690, 77.7448

Tritanomaly

52.2468, 52.2717, 68.9638

Monochromacy



Original Color

53.8295, 51.9501, 77.7113

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.5607, 52.6559, 64.5728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8295, 51.9501, 77.7113 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(197, 185, 224)` looks like.

```
.text, #text, p{  
    color:rgb(197, 185, 224)  
}
```

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(197, 185, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 185, 224) }
```

Border

The CSS property to change the border of an element to XYZ 53.8295, 51.9501, 77.7113 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(197, 185, 224) }
```


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

```
.border{ border-color:rgb(197, 185, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 185, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 185, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 185, 224);  
box-shadow:4px 4px 4px 4px rgb(197, 185,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8295, 51.9501, 77.7113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 185, 224) }
```

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

```
.background{ background-color: rgb(197,  
185, 224) }
```

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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