

Converting Colors

XYZ(56.7905, 51.7936, 99.0542)

Have a look what the booklet for
XYZ(56.7905, 51.7936, 99.0542)
contains.

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Color

**XYZ(56.8595, 51.8118,
99.0993)**

Conversions

Conversions Part 1

Format	Color
Hex	C4B5FC
RGB	196, 181, 252
RGB Percent	77%, 71%, 99%
CMY	0.2314, 0.2902, 0.0118
CMYK	0.22, 0.28, 0.00, 0.01
HSL	253°, 92%, 85%
HSV	253°, 28%, 99%
XYZ	56.8595, 51.8118, 99.0993
YIQ	193.5790, -13.8510, 25.2610

Conversions

Conversions Part 2

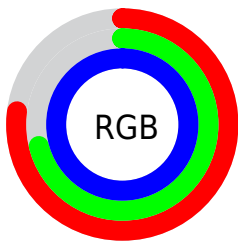
Format	Color
R _Y B	196, 181, 252
Decimal	12891644
CIE Lab	77.17, 19.71, -33.19
CIE LCh	77, 38.599, 300.711
Yxy	51.8118, 0.2737, 0.2494
Android (android.graphics.Color)	4291081724 (0xFFC4B5FC)
YUV	193.5790, 28.8016, 2.1232
Hunter-Lab	71.9804, 15.0368, -31.2414

Details

The XYZ color **56.8595, 51.8118, 99.0993** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.0775, 90.9627, 57.1607**, and the grayscale version is **50.8722, 53.5216, 58.2850**.

A 20% lighter version of the original color is **88.8422, 88.6710, 107.0405**, and **28.5540, 25.0412, 54.9582** is the 20% darker color. If you saturate the color by 10%, you get **47.3595, 39.9844, 97.3179**, and if you desaturate by 10%, it is **67.9746, 65.8499, 101.2240**.

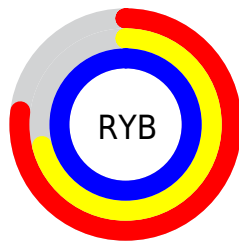
Distribution



Red (77%)

Green (71%)

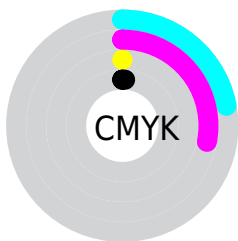
Blue (99%)



Red (77%)

Yellow (71%)

Blue (99%)

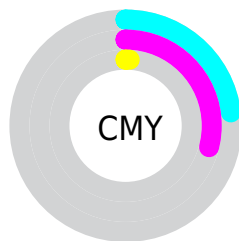


Cyan (22%)

Magenta (28%)

Yellow (0%)

Black (1%)



Cyan (23%)

Magenta (29%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8595, 51.8118, 99.0993 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 56.8595, 51.8118, 99.0993 by changing the saturation by 10% instead.

■ 56.8595, 51.8118,
99.0993

■ 56.8595, 51.8118,
99.0993

402.9453,
393.7096, 578.5231

■ 41.1321, 36.8551,
74.9359

■ 99.3927, 92.8536,
161.9599

■ 28.6105, 25.0953,
55.0589

126.9292,
119.7075, 201.4942

■ 18.9292, 16.1481,
39.0500

159.1329,
151.2959, 246.9891

■ 11.7228, 9.6290,
26.4905

196.3690,
188.0033, 298.8633

■ 6.6261, 5.1537,
16.9619

239.0030,
230.2139, 357.5353

■ 3.2736, 2.3377,
10.0456

287.4001,

■ 1.3000, 0.7936,

278.3123, 423.4235

5.3232

341.9258,
332.6827, 496.9466

■ 0.1833, 0.0000,
2.3761

■ 0.0000, 0.0000,
0.7734

■ 56.8595, 51.8118,
99.0993

■ 56.8595, 51.8118,
99.0993

■ 47.3595, 39.9844,
97.3179

■ 67.9746, 65.8499,
101.2240

■ 39.3928, 30.2476,
95.8585

■ 80.7710, 82.1978,
103.7050

■ 32.8778, 22.4795,
94.7024

94.5708, 99.8083,
106.3768

■ 27.7232, 16.5427,
93.8282

■ 23.8267, 12.2817,
93.2111

■ 21.0702, 9.5141,
92.8222

■ 19.3006, 7.9943,
92.6221

■ 19.0516, 7.7917,
92.5961

Harmonies

Analogous

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



49.4220, 51.8118, 107.6322



56.8595, 51.8118, 99.0993



62.6976, 51.8118, 78.7398

Triad

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



56.8595, 51.8118, 99.0993



56.5242, 51.8118, 27.8593



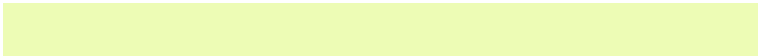
36.3676, 51.8118, 56.9206

Complementary

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



56.8595, 51.8118, 99.0993



78.0775, 90.9627, 57.1607

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.



37.8700, 51.8118, 38.7662



56.8595, 51.8118, 99.0993



49.0695, 51.8118, 24.7377

Square

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



56.8595, 51.8118, 99.0993



62.4907, 51.8118, 38.0893



42.3436, 51.8118, 28.1759



38.0181, 51.8118, 79.8369

Rectangle

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



56.8595, 51.8118, 99.0993



64.6307, 51.8118, 63.2364



42.3436, 51.8118, 28.1759



36.5190, 51.8118, 50.1013

Sweetspot

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



56.8612, 51.8139, 99.1005



83.2100, 84.7429, 106.5791



67.1447, 77.8862, 103.5910



17.3616, 17.5626, 22.7248



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.



56.8612, 51.8139, 99.1005



52.5078, 45.8526, 100.6907



66.9544, 57.0171, 99.5728



16.6257, 16.8197, 21.7555



10.0226, 4.1095, 48.2385



1.0126, 0.4241, 4.4717

Inverse Universe

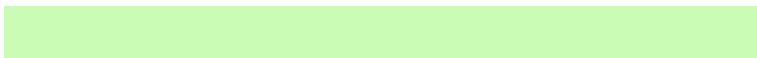
The Inverse Universe completely reimagines the original color for something new.



71.9564, 59.8596, 87.8841



70.5380, 55.4721, 86.8683



67.5909, 85.5567, 56.6699



17.8268, 17.4581, 20.9435



26.3236, 12.9452, 29.4763



2.4759, 1.2141, 2.9296

Previews

White Background



This preview shows how the XYZ color 56.8595, 51.8118, 99.0993 looks on a white background.

Color Contrast Check

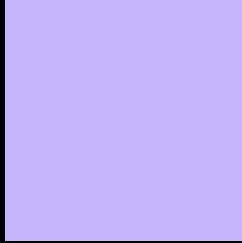
Large Text (above 18pt) WCAG AA × Fail

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 56.8595, 51.8118, 99.0993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

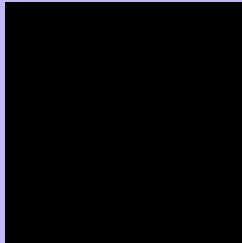
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.8595, 51.8118, 99.0993

Background



This preview shows how black text looks on a background with the XYZ color 56.8595, 51.8118, 99.0993.

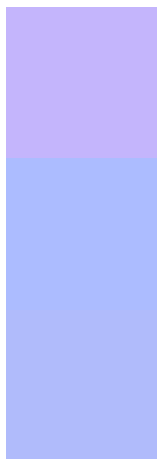


This preview shows how white text looks on a background with the XYZ color 56.8595, 51.8118,

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

56.8595, 51.8118, 99.0993

Protanopia

53.0465, 51.9571, 101.8406

Deuteranopia

53.0874, 51.7358, 98.4548



Tritanopia

49.9264, 51.7995, 65.1245

Trichromacy



Original Color

56.8595, 51.8118, 99.0993

Protanomaly

54.2944, 51.6774, 100.8791

Deuteranomaly

54.2900, 51.7302, 98.3903

Tritanomaly

52.1903, 51.7617, 76.3475

Monochromacy



Original Color

56.8595, 51.8118, 99.0993

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.9690, 52.9036, 71.7096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8595, 51.8118, 99.0993 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(196, 181, 252)` looks like.

```
.text, #text, p{  
    color:rgb(196, 181, 252)  
}
```

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(196, 181, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 181, 252) }
```

Border

The CSS property to change the border of an element to XYZ 56.8595, 51.8118, 99.0993 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(196, 181, 252) }
```


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

```
.border{ border-color:rgb(196, 181, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 181, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 181, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 181, 252);  
box-shadow:4px 4px 4px 4px rgb(196, 181,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8595, 51.8118, 99.0993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 181, 252) }
```

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

```
.background{ background-color: rgb(196,  
181, 252) }
```

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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