

Converting Colors

XYZ(56.7676, 52.2603, 97.0804)

Have a look what the booklet for
XYZ(56.7676, 52.2603, 97.0804)
contains.

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Color

**XYZ(56.5918, 52.0312,
96.6829)**

Conversions

Conversions Part 1

Format	Color
Hex	C4B6F9
RGB	196, 182, 249
RGB Percent	77%, 71%, 98%
CMY	0.2314, 0.2863, 0.0235
CMYK	0.21, 0.27, 0.00, 0.02
HSL	253°, 85%, 85%
HSV	253°, 27%, 98%
XYZ	56.5918, 52.0312, 96.6829
YIQ	193.8240, -13.1630, 23.8050

Conversions

Conversions Part 2

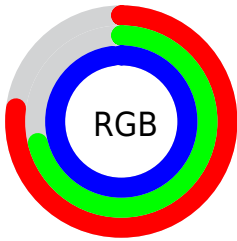
Format	Color
R _Y B	196, 182, 249
Decimal	12891897
CIE Lab	77.30, 18.48, -31.37
CIE LCh	77, 36.412, 300.508
Yxy	52.0312, 0.2756, 0.2534
Android (android.graphics.Color)	4291081977 (0xFFC4B6F9)
YUV	193.8240, 27.2018, 1.9084
Hunter-Lab	72.1327, 13.8103, -28.9764

Details

The XYZ color **56.5918, 52.0312, 96.6829** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.5816, 88.7922, 57.3605**, and the grayscale version is **51.0255, 53.6828, 58.4605**.

A 20% lighter version of the original color is **89.1325, 89.2517, 107.1373**, and **28.3492, 25.1690, 53.2331** is the 20% darker color. If you saturate the color by 10%, you get **47.1473, 40.2545, 94.9084**, and if you desaturate by 10%, it is **67.6190, 65.9721, 98.7934**.

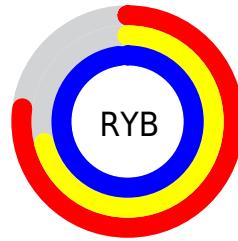
Distribution



Red (77%)

Green (71%)

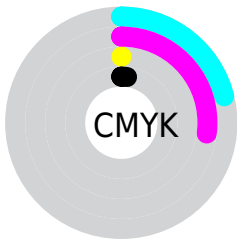
Blue (98%)



Red (77%)

Yellow (71%)

Blue (98%)

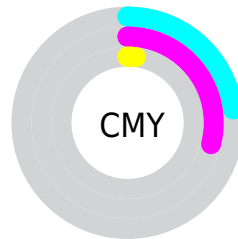


Cyan (21%)

Magenta (27%)

Yellow (0%)

Black (2%)



Cyan (23%)

Magenta (29%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5918, 52.0312, 96.6829 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 56.5918, 52.0312, 96.6829 by changing the saturation by 10% instead.

■ 56.5918, 52.0312,
96.6829

■ 56.5918, 52.0312,
96.6829

401.9569,
394.5570, 570.6601

■ 40.9165, 37.0299,
72.9318

■ 99.0041, 93.1773,
158.6031

■ 28.4412, 25.2307,
53.4287

126.4718,
120.0908, 197.6093

■ 18.8007, 16.2490,
37.7551

158.6010,
151.7440, 242.5376

■ 11.6295, 9.7005,
25.4923

195.7571,
188.5211, 293.8066

■ 6.5623, 5.2009,
16.2219

238.3053,
230.8066, 351.8348

■ 3.2338, 2.3656,
9.5252

286.6112,

■ 1.2786, 0.8081,

278.9848, 417.0408

4.9839

341.0399,
333.4401, 489.8430

■ 0.1671, 0.0000,
2.1792

■ 0.0000, 0.0000,
0.6623

■ 56.5918, 52.0312,
96.6829

■ 56.5918, 52.0312,
96.6829

■ 47.1473, 40.2545,
94.9084

■ 67.6190, 65.9721,
98.7934

■ 39.2063, 30.5262,
93.4492

■ 80.2929, 82.1726,
101.2525

■ 32.6904, 22.7293,
92.2877

■ 94.0991, 99.6196,
103.8924

■ 27.5117, 16.7320,
91.4030

■ 23.5722, 12.3857,
90.7717

■ 20.7590, 9.5175,
90.3664

■ 18.9347, 7.9100,
90.1523

■ 18.5167, 7.5704,
90.1088

Harmonies

Analogous

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



49.5733, 52.0312, 104.4878



56.5918, 52.0312, 96.6829



62.0923, 52.0312, 77.7818

Triad

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



56.5918, 52.0312, 96.6829



56.3664, 52.0312, 29.3310



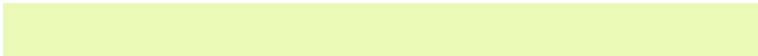
37.2009, 52.0312, 56.9949

Complementary

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



56.5918, 52.0312, 96.6829



76.5816, 88.7922, 57.3605

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.



38.6588, 52.0312, 39.7456



56.5918, 52.0312, 96.6829



49.3351, 52.0312, 26.2337

Square

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



56.5918, 52.0312, 96.6829



61.9539, 52.0312, 39.2811



42.9433, 52.0312, 29.5515



38.7600, 52.0312, 78.5138

Rectangle

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



56.5918, 52.0312, 96.6829



63.9218, 52.0312, 63.2373



42.9433, 52.0312, 29.5515



37.3528, 52.0312, 50.5426

Sweetspot

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



56.5935, 52.0333, 96.6841



83.1941, 84.7347, 106.5784



66.2723, 76.5470, 100.9056



17.3576, 17.5606, 22.7246



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.



56.5935, 52.0333, 96.6841



54.4182, 48.2660, 101.0559



66.1097, 56.9391, 97.1294



16.6219, 16.8177, 21.7554



10.0058, 4.1009, 48.2377



1.0106, 0.4230, 4.4716

Inverse Universe

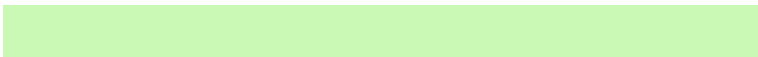
The Inverse Universe completely reimagines the original color for something new.



70.7918, 59.5958, 86.3710



71.6856, 57.4709, 88.1651



66.7050, 83.7006, 56.8982



17.8286, 17.4588, 20.9530



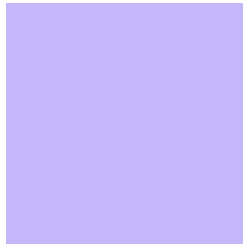
26.3585, 12.9591, 29.6598



2.4789, 1.2153, 2.9451

Previews

White Background



This preview shows how the XYZ color 56.5918, 52.0312, 96.6829 looks on a white background.

Color Contrast Check

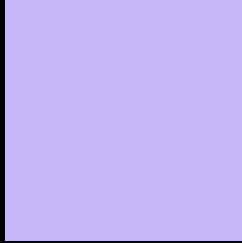
Large Text (above 18pt) WCAG AA × Fail

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 56.5918, 52.0312, 96.6829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

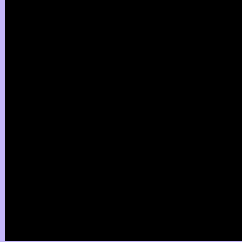
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.5918, 52.0312, 96.6829

Background



This preview shows how black text looks on a background with the XYZ color 56.5918, 52.0312, 96.6829.

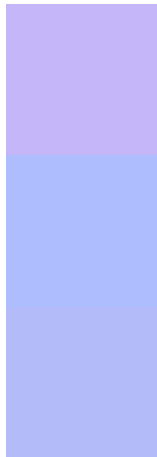


This preview shows how white text looks on a background with the XYZ color 56.5918, 52.0312,

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

56.5918, 52.0312, 96.6829

Protanopia

53.3206, 52.4352, 101.0766

Deuteranopia

53.5169, 52.3275, 96.0865



Tritanopia

50.1719, 51.9261, 65.1360

Trichromacy



Original Color

56.5918, 52.0312, 96.6829

Protanomaly

54.1856, 51.9698, 99.2708

Deuteranomaly

54.5098, 52.2094, 96.0114

Tritanomaly

52.3073, 51.8375, 75.6554

Monochromacy



Original Color

56.5918, 52.0312, 96.6829

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.0567, 53.2841, 71.1068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5918, 52.0312, 96.6829 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, 182, 249)` looks like.

```
.text, #text, p{  
    color:rgb(196, 182, 249)  
}
```

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, 182, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 182, 249) }
```

Border

The CSS property to change the border of an element to XYZ 56.5918, 52.0312, 96.6829 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, 182, 249) }
```


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

```
.border{ border-color:rgb(196, 182, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 182, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 182, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 182, 249);  
box-shadow:4px 4px 4px 4px rgb(196, 182,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5918, 52.0312, 96.6829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 182, 249) }
```

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

```
.background{ background-color: rgb(196,  
182, 249) }
```

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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