

Converting Colors

XYZ(56.4956, 52.6829, 92.7791)

Have a look what the booklet for
XYZ(56.4956, 52.6829, 92.7791)
contains.

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Color

**XYZ(56.4956, 52.6829,
92.7791)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B8F4
RGB	197, 184, 244
RGB Percent	77%, 72%, 96%
CMY	0.2274, 0.2784, 0.0431
CMYK	0.19, 0.25, 0.00, 0.04
HSL	253°, 73%, 84%
HSV	253°, 25%, 96%
XYZ	56.4956, 52.6829, 92.7791
YIQ	194.7270, -11.5120, 21.4160

Conversions

Conversions Part 2

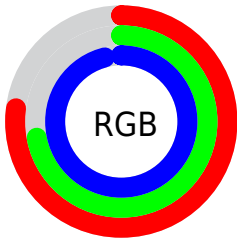
Format	Color
R _{YB}	197, 184, 244
Decimal	12957940
CIE _{Lab}	77.69, 16.57, -28.08
CIE _{LCh}	78, 32.606, 300.552
Yxy	52.6829, 0.2797, 0.2609
Android (android.graphics.Color)	4291148020 (0xFFC5B8F4)
YUV	194.7270, 24.2916, 1.9934
Hunter-Lab	72.5830, 11.9168, -24.9793

Details

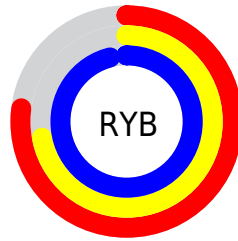
The XYZ color **56.4956, 52.6829, 92.7791** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.9589, 85.1522, 57.8875**, and the grayscale version is **51.5758, 54.2617, 59.0910**.

A 20% lighter version of the original color is **90.0831, 90.6110, 107.3495**, and **28.3487, 25.6142, 51.0269** is the 20% darker color. If you saturate the color by 10%, you get **47.1662, 40.9881, 91.0143**, and if you desaturate by 10%, it is **67.3371, 66.4574, 94.8673**.

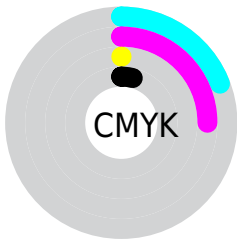
Distribution



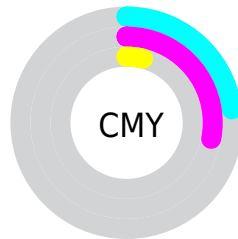
- Red (77%)
- Green (72%)
- Blue (96%)



- Red (77%)
- Yellow (72%)
- Blue (96%)



- Cyan (19%)
- Magenta (25%)
- Yellow (0%)
- Black (4%)



- Cyan (23%)
- Magenta (28%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4956, 52.6829, 92.7791 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 56.4956, 52.6829, 92.7791 by changing the saturation by 10% instead.

■ 56.4956, 52.6829,
92.7791

■ 56.4956, 52.6829,
92.7791

401.6014,
397.0673, 557.8320

■ 40.8390, 37.5497,
69.7013

■ 98.8644, 94.1376,
153.1618

■ 28.3804, 25.6334,
50.8077

126.3074,
121.2279, 191.3038

■ 18.7545, 16.5496,
35.6800

158.4098,
153.0726, 235.3042

■ 11.5960, 9.9139,
23.8994

195.5370,
190.0562, 285.5816

■ 6.5394, 5.3419,
15.0475

238.0544,
232.5631, 342.5545

■ 3.2195, 2.4492,
8.7057

286.3274,

■ 1.2709, 0.8510,

280.9777, 406.6415

4.4556

340.7212,
335.6843, 478.2612

■ 0.1613, 0.0000,
1.8784

■ 0.0000, 0.0000,
0.4790

■ 56.4956, 52.6829,
92.7791

■ 56.4956, 52.6829,
92.7791

■ 47.1662, 40.9881,
91.0143

■ 67.3371, 66.4574,
94.8673

■ 39.2753, 31.2646,
89.5534

■ 79.7498, 82.4001,
97.2903

■ 32.7507, 23.4039,
88.3800

■ 93.0883, 99.1875,
99.8276

■ 27.5114, 17.2843,
87.4750

■ 93.3293, 99.3117,
99.8389

■ 23.4677, 12.7692,
86.8166

■ 20.5175, 9.7010,
86.3799

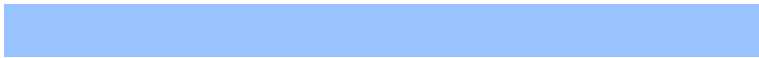
■ 18.5390, 7.8884,
86.1343

■ 17.7904, 7.2849,
86.0573

Harmonies

Analogous

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



50.1904, 52.6829, 99.5817



56.4956, 52.6829, 92.7791



61.3958, 52.6829, 76.1918

Triad

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



56.4956, 52.6829, 92.7791



56.2766, 52.6829, 32.1189



38.8977, 52.6829, 57.6980

Complementary

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



56.4956, 52.6829, 92.7791



73.9589, 85.1522, 57.8875

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.



40.2365, 52.6829, 41.9234



56.4956, 52.6829, 92.7791



49.9568, 52.6829, 29.1665

Square

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



56.4956, 52.6829, 92.7791



61.2621, 52.6829, 41.4549



44.1575, 52.6829, 32.3468



40.3376, 52.6829, 76.8942

Rectangle

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



56.4956, 52.6829, 92.7791



63.0166, 52.6829, 63.2560



44.1575, 52.6829, 32.3468



39.0364, 52.6829, 51.8473

Sweetspot

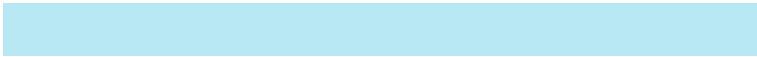
The Sweet Spot groups the original color and five complimentary colors.



56.4973, 52.6850, 92.7803



84.6592, 86.5791, 106.8572



64.9545, 74.4367, 96.5330



17.9377, 18.2961, 22.8360



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.



56.4973, 52.6850, 92.7803



56.5950, 50.8721, 101.4442



64.8352, 56.9834, 93.1705



15.9168, 16.0997, 20.8112



9.7669, 4.0093, 46.7971



0.9421, 0.3955, 4.1169

Inverse Universe

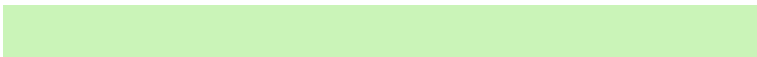
The Inverse Universe completely reimagines the original color for something new.



68.8740, 59.2856, 83.4161



72.7553, 59.4982, 88.8669



65.3611, 80.7198, 57.4852



17.0509, 16.7032, 20.0146



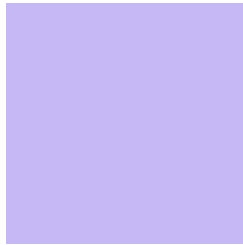
25.4604, 12.5276, 28.1966



2.2750, 1.1160, 2.6744

Previews

White Background



This preview shows how the XYZ color 56.4956, 52.6829, 92.7791 looks on a white background.

Color Contrast Check

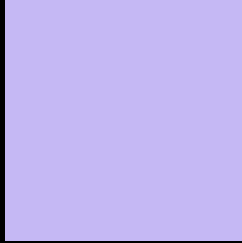
Large Text (above 18pt) WCAG AA × Fail

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 56.4956, 52.6829, 92.7791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

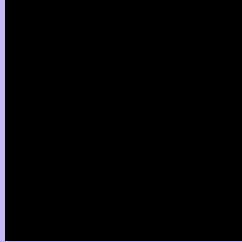
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.4956, 52.6829, 92.7791

Background



This preview shows how black text looks on a background with the XYZ color 56.4956, 52.6829, 92.7791.



This preview shows how white text looks on a background with the XYZ color 56.4956, 52.6829,

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

56.4956, 52.6829, 92.7791

Protanopia

53.4882, 52.9513, 96.2084

Deuteranopia

53.9280, 52.6279, 92.1099



Tritanopia

51.0066, 52.6650, 65.8695

Trichromacy



Original Color

56.4956, 52.6829, 92.7791

Protanomaly

54.5389, 52.8722, 95.3265

Deuteranomaly

54.9343, 52.8305, 92.0960

Tritanomaly

52.8938, 52.4712, 75.0503

Monochromacy



Original Color

56.4956, 52.6829, 92.7791

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.4060, 53.8015, 70.5207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4956, 52.6829, 92.7791 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, 184, 244)` looks like.

```
.text, #text, p{  
    color:rgb(197, 184, 244)  
}
```

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, 184, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 184, 244) }
```

Border

The CSS property to change the border of an element to XYZ 56.4956, 52.6829, 92.7791 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, 184, 244) }
```


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

```
.border{ border-color:rgb(197, 184, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 184, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 184, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 184, 244);  
box-shadow:4px 4px 4px 4px rgb(197, 184,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4956, 52.6829, 92.7791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 184, 244) }
```

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

```
.background{ background-color: rgb(197,  
184, 244) }
```

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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