

Converting Colors

XYZ(57.5180, 56.1513, 92.3309)

Have a look what the booklet for
XYZ(57.5180, 56.1513, 92.3309)
contains.

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Color

**XYZ(57.4958, 56.0803,
92.5883)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C1F3
RGB	194, 193, 243
RGB Percent	76%, 76%, 95%
CMY	0.2392, 0.2431, 0.0471
CMYK	0.20, 0.21, 0.00, 0.05
HSL	241°, 68%, 85%
HSV	241°, 21%, 95%
XYZ	57.4958, 56.0803, 92.5883
YIQ	198.9990, -15.4540, 15.7620

Conversions

Conversions Part 2

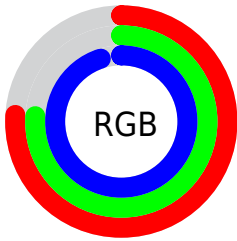
Format	Color
RYB	194, 193, 243
Decimal	12763635
CIELab	79.66, 10.54, -24.55
CIELCh	80, 26.716, 293.237
Yxy	56.0803, 0.2789, 0.2720
Android (android.graphics.Color)	4290953715 (0xFFC2C1F3)
YUV	198.9990, 21.6925, -4.3841
Hunter-Lab	74.8868, 5.9950, -20.8841

Details

The XYZ color **57.4958, 56.0803, 92.5883** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.2958, 86.8300, 63.0877**, and the grayscale version is **54.1653, 56.9861, 62.0578**.

A 20% lighter version of the original color is **91.7093, 95.4806, 108.2037**, and **29.1629, 27.9195, 50.8657** is the 20% darker color. If you saturate the color by 10%, you get **46.9291, 43.3041, 90.6801**, and if you desaturate by 10%, it is **69.9281, 71.1311, 94.8391**.

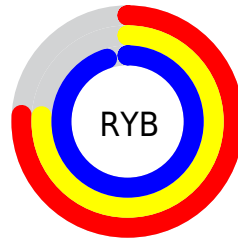
Distribution



Red (76%)

Green (76%)

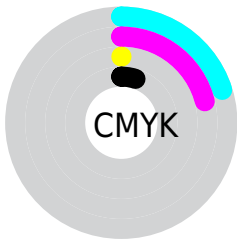
Blue (95%)



Red (76%)

Yellow (76%)

Blue (95%)

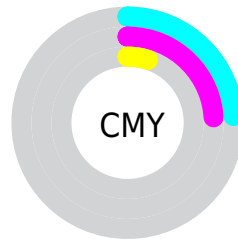


Cyan (20%)

Magenta (21%)

Yellow (0%)

Black (5%)



Cyan (24%)

Magenta (24%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4958, 56.0803, 92.5883 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 57.4958, 56.0803, 92.5883 by changing the saturation by 10% instead.

■ 57.4958, 56.0803,
92.5883

■ 57.4958, 56.0803,
92.5883

405.2888,
409.9940, 557.2009

■ 41.6451, 40.2673,
69.5436

■ 100.3155, 99.1220,
152.8953

■ 29.0134, 27.7470,
50.6800

128.0151,
127.1194, 190.9946

■ 19.2353, 18.1350,
35.5791

160.3952,
159.9472, 234.9493

■ 11.9454, 11.0470,
23.8222

197.8210,
197.9896, 285.1778

■ 6.7785, 6.0984,
14.9908

240.6579,
241.6311, 342.0986

■ 3.3690, 2.9050,
8.6664

289.2713,

■ 1.3518, 1.0824,

291.2561, 406.1304

4.4304

344.0264,
347.2490, 477.6916

■ 0.2215, 0.0000,
1.8643

■ 0.0000, 0.0000,
0.4699

■ 57.4958, 56.0803,
92.5883

■ 57.4958, 56.0803,
92.5883

■ 46.9291, 43.3041,
90.6801

■ 69.9281, 71.1311,
94.8391

■ 38.1330, 32.6855,
89.0941

■ 84.3042, 88.5523,
97.4440

■ 31.0122, 24.1075,
87.8137

■ 93.1778, 99.2511,
99.0414

■ 25.4605, 17.4393,
86.8192

■ 21.3594, 12.5349,
86.0887

■ 18.5735, 9.2273,
85.5971

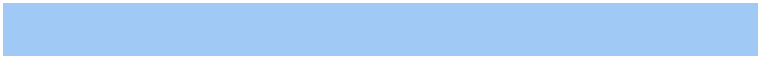
■ 16.9423, 7.3172,
85.3144

■ 16.2386, 6.5025,
85.1942

Harmonies

Analogous

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



52.0917, 56.0803, 95.5231



57.4958, 56.0803, 92.5883



62.0414, 56.0803, 80.5993

Triad

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



57.4958, 56.0803, 92.5883



59.7475, 56.0803, 40.2415



43.6614, 56.0803, 57.6335

Complementary

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



57.4958, 56.0803, 92.5883



78.2958, 86.8300, 63.0877

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.



45.4256, 56.0803, 44.9682



57.4958, 56.0803, 92.5883



54.5322, 56.0803, 36.0808

Square

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



57.4958, 56.0803, 92.5883



63.4014, 56.0803, 50.0871



49.3185, 56.0803, 37.6526



44.3376, 56.0803, 73.5331

Rectangle

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



57.4958, 56.0803, 92.5883



63.8517, 56.0803, 70.0264



49.3185, 56.0803, 37.6526



43.9846, 56.0803, 52.8971

Sweetspot

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



57.4976, 56.0826, 92.5896



85.0589, 87.8899, 107.0891



69.9733, 81.4134, 96.8214



17.9837, 18.5426, 22.8812



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.



57.4976, 56.0826, 92.5896



58.6064, 55.8657, 102.3020



64.4128, 59.6475, 92.9132



15.6118, 15.9425, 20.7969



8.9254, 3.5756, 46.7578



0.7950, 0.3197, 4.1100

Inverse Universe

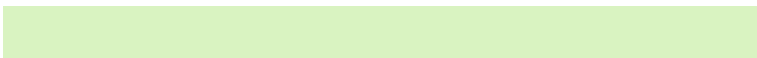
The Inverse Universe completely reimagines the original color for something new.



72.0608, 63.6076, 92.4858



77.7710, 65.7690, 102.1322



70.3427, 82.7300, 62.7155



17.1985, 16.7623, 20.7919



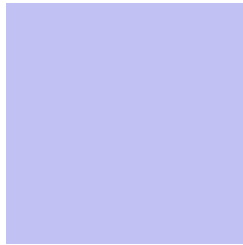
28.7743, 13.8532, 45.6474



2.5335, 1.2194, 4.0356

Previews

White Background



This preview shows how the XYZ color 57.4958, 56.0803, 92.5883 looks on a white background.

Color Contrast Check

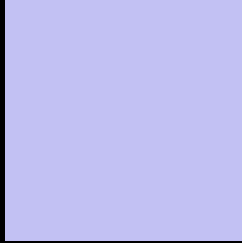
Large Text (above 18pt) WCAG AA × Fail

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 57.4958, 56.0803, 92.5883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

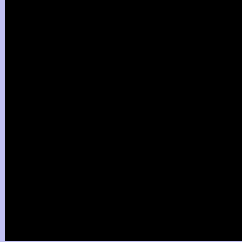
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.4958, 56.0803, 92.5883

Background



This preview shows how black text looks on a background with the XYZ color 57.4958, 56.0803, 92.5883.



This preview shows how white text looks on a background with the XYZ color 57.4958, 56.0803,

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

57.4958, 56.0803, 92.5883

Protanopia

56.2462, 56.0619, 94.2427

Deuteranopia

57.2399, 55.9484, 92.5763



Tritanopia

53.3179, 56.0620, 71.6292

Trichromacy



Original Color

57.4958, 56.0803, 92.5883

Protanomaly

56.6072, 55.9340, 93.4008

Deuteranomaly

57.2399, 55.9484, 92.5763

Tritanomaly

54.8164, 55.9925, 79.1527

Monochromacy



Original Color

57.4958, 56.0803, 92.5883

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.2580, 56.7091, 72.3235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4958, 56.0803, 92.5883 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(194, 193, 243)` looks like.

```
.text, #text, p{  
    color:rgb(194, 193, 243)  
}
```

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(194, 193, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 193, 243) }
```

Border

The CSS property to change the border of an element to XYZ 57.4958, 56.0803, 92.5883 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(194, 193, 243) }
```


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

```
.border{ border-color:rgb(194, 193, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 193, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 193, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 193, 243);  
box-shadow:4px 4px 4px 4px rgb(194, 193,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4958, 56.0803, 92.5883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 193, 243) }
```

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

```
.background{ background-color: rgb(194,  
193, 243) }
```

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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