

Converting Colors

XYZ(56.8122, 56.4790, 88.7755)

Have a look what the booklet for
XYZ(56.8122, 56.4790, 88.7755)
contains.

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Color

**XYZ(56.9400, 56.5407,
88.8013)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C3EE
RGB	193, 195, 238
RGB Percent	76%, 76%, 93%
CMY	0.2431, 0.2353, 0.0667
CMYK	0.19, 0.18, 0.00, 0.07
HSL	237°, 57%, 85%
HSV	237°, 19%, 93%
XYZ	56.9400, 56.5407, 88.8013
YIQ	199.3040, -14.9950, 12.9490

Conversions

Conversions Part 2

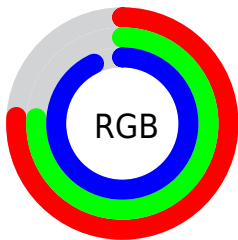
Format	Color
R _Y B	193, 195, 238
Decimal	12698606
CIE Lab	79.92, 8.05, -21.48
CIE LCh	80, 22.938, 290.540
Yxy	56.5407, 0.2815, 0.2795
Android (android.graphics.Color)	4290888686 (0xFFC1C3EE)
YUV	199.3040, 19.0771, -5.5286
Hunter-Lab	75.1936, 3.5797, -17.3842

Details

The XYZ color **56.9400, 56.5407, 88.8013** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.8814, 82.0182, 62.3378**, and the grayscale version is **54.3670, 57.1983, 62.2890**.

A 20% lighter version of the original color is **91.9715, 96.5384, 108.3941**, and **28.6158, 27.9161, 48.1361** is the 20% darker color. If you saturate the color by 10%, you get **46.6410, 44.2358, 86.9699**, and if you desaturate by 10%, it is **68.9948, 70.9055, 90.9395**.

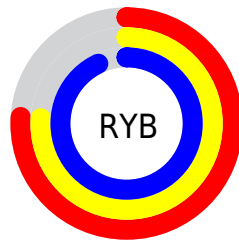
Distribution



Red (76%)

Green (76%)

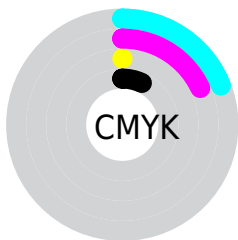
Blue (93%)



Red (76%)

Yellow (76%)

Blue (93%)

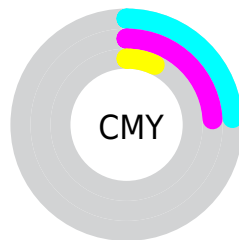


Cyan (19%)

Magenta (18%)

Yellow (0%)

Black (7%)



Cyan (24%)

Magenta (24%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9400, 56.5407, 88.8013 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 56.9400, 56.5407, 88.8013 by changing the saturation by 10% instead.

■ 56.9400, 56.5407,
88.8013

■ 56.9400, 56.5407,
88.8013

403.2423,
411.7260, 544.5929

■ 41.1970, 40.6366,
66.4188

■ 99.5095, 99.7947,
147.5932

■ 28.6614, 28.0352,
48.1538

127.0667,
127.9134, 184.8396

■ 18.9678, 18.3522,
33.5879

159.2928,
160.8724, 227.8777

■ 11.7509, 11.2032,
22.3024

196.5529,
199.0561, 277.1261

■ 6.6453, 6.2037,
13.8788

239.2126,
242.8489, 333.0032

■ 3.2856, 2.9693,
7.8986

287.6372,

■ 1.3065, 1.1157,

292.6353, 395.9278

3.9433

342.1919,
348.7995, 466.3181

■ 0.1881, 0.0000,
1.5943

■ 0.0000, 0.0000,
0.2867

■ 56.9400, 56.5407,
88.8013

■ 56.9400, 56.5407,
88.8013

■ 46.6410, 44.2358,
86.9699

■ 68.9948, 70.9055,
90.9395

■ 38.0110, 33.8898,
85.4278

■ 82.8765, 87.4112,
93.3938

■ 30.9636, 25.4038,
84.1613

■ 92.4328, 98.9531,
95.1180

■ 25.4027, 18.6673,
83.1541

■ 21.2216, 13.5583,
82.3883

■ 18.2994, 9.9389,
81.8438

■ 16.4944, 7.6487,
81.4968

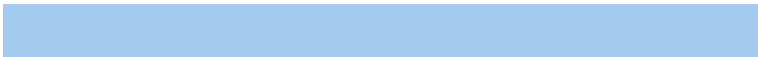
■ 15.6102, 6.4797,
81.3178

■ 15.5478, 6.4031,
81.3063

Harmonies

Analogous

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



52.2835, 56.5407, 90.4456



56.9400, 56.5407, 88.8013



60.9460, 56.5407, 79.3205

Triad

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



56.9400, 56.5407, 88.8013



59.6275, 56.5407, 43.8280



45.3915, 56.5407, 57.4483

Complementary

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



56.9400, 56.5407, 88.8013



74.8814, 82.0182, 62.3378

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.



47.1261, 56.5407, 46.6761



56.9400, 56.5407, 88.8013



55.2238, 56.5407, 39.5947

Square

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



56.9400, 56.5407, 88.8013



62.5587, 56.5407, 53.0057



50.6627, 56.5407, 40.5562



45.7920, 56.5407, 70.9955

Rectangle

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



56.9400, 56.5407, 88.8013



62.6226, 56.5407, 70.4975



50.6627, 56.5407, 40.5562



45.7402, 56.5407, 53.4175

Sweetspot

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



56.9418, 56.5430, 88.8026



85.1557, 88.2374, 107.1511



67.6720, 78.5292, 90.7585



18.0065, 18.6243, 22.8958



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.



56.9418, 56.5430, 88.8026



61.3202, 59.8309, 102.9243



62.0169, 58.4979, 88.9124



14.9537, 15.3414, 19.8947



8.6985, 3.6213, 45.3684



0.7433, 0.3407, 3.7808

Inverse Universe

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



64.1816, 60.2586, 59.8806



71.3630, 65.0196, 62.7969



69.0400, 79.8673, 62.2306



15.8013, 15.7702, 16.5099



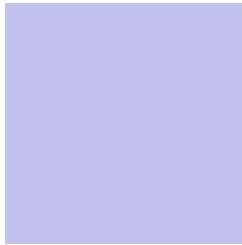
19.7162, 10.1589, 1.1563



1.6502, 0.8491, 0.1486

Previews

White Background



This preview shows how the XYZ color 56.9400, 56.5407, 88.8013 looks on a white background.

Color Contrast Check

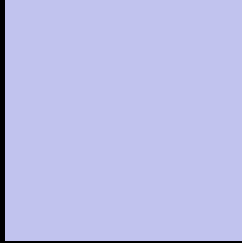
Large Text (above 18pt) WCAG AA × Fail

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 56.9400, 56.5407, 88.8013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

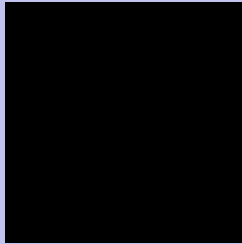
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.9400, 56.5407, 88.8013

Background



This preview shows how black text looks on a background with the XYZ color 56.9400, 56.5407, 88.8013.



This preview shows how white text looks on a background with the XYZ color 56.9400, 56.5407,

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

56.9400, 56.5407, 88.8013

Protanopia

56.3062, 56.5307, 89.6052

Deuteranopia

57.7504, 56.6269, 88.7752



Tritanopia

53.6754, 56.5720, 72.3805

Trichromacy



Original Color

56.9400, 56.5407, 88.8013

Protanomaly

56.5551, 56.6590, 89.6169

Deuteranomaly

57.4894, 56.4924, 88.7630

Tritanomaly

54.7486, 56.6630, 77.8635

Monochromacy



Original Color

56.9400, 56.5407, 88.8013

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.2303, 57.0626, 71.0540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9400, 56.5407, 88.8013 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(193, 195, 238)` looks like.

```
.text, #text, p{  
    color:rgb(193, 195, 238)  
}
```

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(193, 195, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 195, 238) }
```

Border

The CSS property to change the border of an element to XYZ 56.9400, 56.5407, 88.8013 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(193, 195, 238) }
```


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

```
.border{ border-color:rgb(193, 195, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 195, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 195, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 195, 238);  
box-shadow:4px 4px 4px 4px rgb(193, 195,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9400, 56.5407, 88.8013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 195, 238) }
```

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

```
.background{ background-color: rgb(193,  
195, 238) }
```

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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