

Converting Colors

XYZ(56.5572, 48.6753, 92.5502)

Have a look what the booklet for
XYZ(56.5572, 48.6753, 92.5502)
contains.

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Color

**XYZ(56.5883, 48.6074,
92.7858)**

Conversions

Conversions Part 1

Format	Color
Hex	CFAAF5
RGB	207, 170, 245
RGB Percent	81%, 67%, 96%
CMY	0.1882, 0.3333, 0.0392
CMYK	0.16, 0.31, 0.00, 0.04
HSL	270°, 79%, 81%
HSV	270°, 31%, 96%
XYZ	56.5883, 48.6074, 92.7858
YIQ	189.6130, -2.0230, 31.1690

Conversions

Conversions Part 2

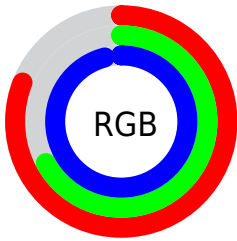
Format	Color
R _Y B	207, 170, 245
Decimal	13609717
CIE Lab	75.21, 27.50, -32.36
CIE LCh	75, 42.467, 310.355
Yxy	48.6074, 0.2858, 0.2455
Android (android.graphics.Color)	4291799797 (0xFFCFAAF5)
YUV	189.6130, 27.3058, 15.2484
Hunter-Lab	69.7190, 22.8735, -30.1030

Details

The XYZ color **56.5883, 48.6074, 92.7858** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **65.9219, 81.6181, 50.3117**, and the grayscale version is **48.5714, 51.1009, 55.6489**.

A 20% lighter version of the original color is **86.4864, 82.8727, 106.0455**, and **28.3873, 23.0288, 50.5258** is the 20% darker color. If you saturate the color by 10%, you get **49.0838, 38.5453, 91.2399**, and if you desaturate by 10%, it is **65.2245, 60.5257, 94.6319**.

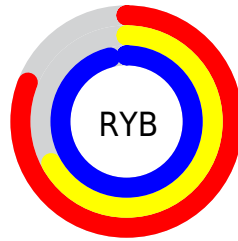
Distribution



Red (81%)

Green (67%)

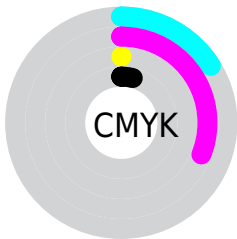
Blue (96%)



Red (81%)

Yellow (67%)

Blue (96%)

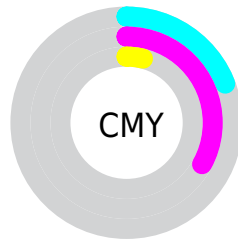


Cyan (16%)

Magenta (31%)

Yellow (0%)

Black (4%)



Cyan (19%)


Magenta (33%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.5883, 48.6074, 92.7858 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 56.5883, 48.6074, 92.7858 by changing the saturation by 10% instead.


 56.5883, 48.6074,
92.7858

 56.5883, 48.6074,
92.7858


401.9440,
381.1947, 557.8541

 40.9136, 34.3081,
69.7068


 98.9990, 88.1081,
153.1712

 28.4390, 23.1304,
50.8122


126.4658,
114.0783, 191.3146

 18.7990, 14.6898,
35.6835


158.5941,
144.7076, 235.3166

 11.6283, 8.6020,
23.9021

195.7491,
180.3804, 285.5958

 6.5615, 4.4825,
15.0495

238.2962,
221.4812, 342.5705

 3.2333, 1.9470,
8.7071

286.6008,

 1.2783, 0.5764,

268.3942, 406.6595

4.4564

341.0283,
321.5039, 478.2812

■ 0.1669, 0.0000,
1.8789

■ 0.0000, 0.0000,
0.4793

■ 56.5883, 48.6074,
92.7858

■ 56.5883, 48.6074,
92.7858

■ 49.0838, 38.5453,
91.2399

■ 65.2245, 60.5257,
94.6319

■ 42.6524, 30.2348,
89.9748

■ 75.0376, 74.3852,
96.7898

■ 37.2368, 23.5702,
88.9739

■ 86.0759, 90.2727,
99.2746

■ 32.7720, 18.4311,
88.2172

■ 93.4816, 99.3726,
100.6408

■ 29.1840, 14.6801,
87.6823

■ 26.3856, 12.1533,
87.3421

■ 24.3481, 10.6480,
87.1589

Harmonies

Analogous

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



48.9436, 48.6074, 107.3023



56.5883, 48.6074, 92.7858



61.7833, 48.6074, 68.6888

Triad

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



56.5883, 48.6074, 92.7858



51.4183, 48.6074, 21.9429



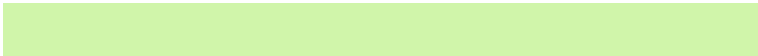
32.9816, 48.6074, 61.0125

Complementary

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



56.5883, 48.6074, 92.7858



65.9219, 81.6181, 50.3117

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.



33.4854, 48.6074, 39.7791



56.5883, 48.6074, 92.7858



43.5607, 48.6074, 20.9586

Square

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



56.5883, 48.6074, 92.7858



58.5740, 48.6074, 29.7329



37.1676, 48.6074, 26.5132



35.7041, 48.6074, 85.8276

Rectangle

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



56.5883, 48.6074, 92.7858



62.8468, 48.6074, 52.6600



37.1676, 48.6074, 26.5132



32.7874, 48.6074, 53.1913

Sweetspot

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



56.5899, 48.6094, 92.7869



84.0114, 84.0823, 106.4094



55.7998, 60.6187, 95.1466



17.6222, 17.4832, 22.6958



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.



56.5899, 48.6094, 92.7869



56.5207, 45.8812, 100.4847



68.0790, 54.5322, 93.3246



16.3598, 16.3281, 20.8320



13.2759, 5.8183, 46.9614



1.2852, 0.5724, 4.1330

Inverse Universe

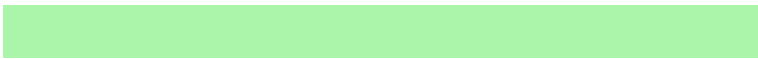
The Inverse Universe completely reimagines the original color for something new.



63.4175, 52.7179, 66.5093



65.3649, 51.2040, 66.4061



56.7588, 76.8943, 49.8829



16.8495, 16.6226, 18.9539



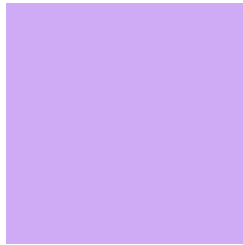
22.3208, 11.2717, 11.6634



2.0137, 1.0114, 1.2985

Previews

White Background



This preview shows how the XYZ color 56.5883, 48.6074, 92.7858 looks on a white background.

Color Contrast Check

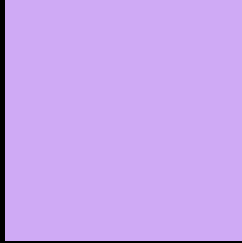
Large Text (above 18pt) WCAG AA × Fail

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 56.5883, 48.6074, 92.7858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

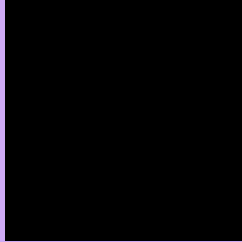
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.5883, 48.6074, 92.7858

Background



This preview shows how black text looks on a background with the XYZ color 56.5883, 48.6074, 92.7858.



This preview shows how white text looks on a background with the XYZ color 56.5883, 48.6074,

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

56.5883, 48.6074, 92.7858

Protanopia

50.2933, 48.9795, 101.4110

Deuteranopia

49.9189, 48.6976, 91.5626



Tritanopia

49.6121, 48.6797, 57.8202

Trichromacy



Original Color

56.5883, 48.6074, 92.7858

Protanomaly

52.1554, 48.5091, 97.8811

Deuteranomaly

52.2571, 48.6867, 92.2312

Tritanomaly

51.8927, 48.4113, 69.5601

Monochromacy



Original Color

56.5883, 48.6074, 92.7858

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

51.3313, 50.2559, 67.9677

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5883, 48.6074, 92.7858 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(207, 170, 245)` looks like.

```
.text, #text, p{  
    color:rgb(207, 170, 245)  
}
```

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(207, 170, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 170, 245) }
```

Border

The CSS property to change the border of an element to XYZ 56.5883, 48.6074, 92.7858 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(207, 170, 245) }
```


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

```
.border{ border-color:rgb(207, 170, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 170, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 170, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 170, 245);  
box-shadow:4px 4px 4px 4px rgb(207, 170,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5883, 48.6074, 92.7858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 170, 245) }
```

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

```
.background{ background-color: rgb(207,  
170, 245) }
```

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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