

Converting Colors

XYZ(56.6430, 48.6755, 60.1511)

Have a look what the booklet for
XYZ(56.6430, 48.6755, 60.1511)
contains.

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Color

**XYZ(56.9446, 48.9518,
60.4802)**

Conversions

Conversions Part 1

Format	Color
Hex	E6A8C7
RGB	230, 168, 199
RGB Percent	90%, 66%, 78%
CMY	0.0980, 0.3412, 0.2196
CMYK	0.00, 0.27, 0.13, 0.10
HSL	330°, 55%, 78%
HSV	330°, 27%, 90%
XYZ	56.9446, 48.9518, 60.4802
YIQ	190.0720, 27.0010, 22.7850

Conversions

Conversions Part 2

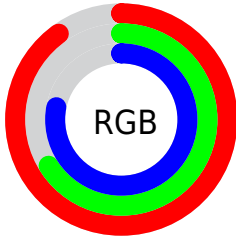
Format	Color
R _Y B	230, 168, 199
Decimal	15116487
CIE Lab	75.42, 27.45, -6.78
CIE LCh	75, 28.278, 346.124
Yxy	48.9518, 0.3423, 0.2942
Android (android.graphics.Color)	4293306567 (0xFFE6A8C7)
YUV	190.0720, 4.4015, 35.0169
Hunter-Lab	69.9656, 22.8405, -2.2760

Details

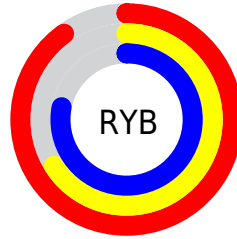
The XYZ color **56.9446, 48.9518, 60.4802** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.7561, 69.0434, 64.4768**, and the grayscale version is **48.9508, 51.5000, 56.0835**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **28.6971, 23.3045, 29.7738** is the 20% darker color. If you saturate the color by 10%, you get **51.7830, 40.6849, 52.4187**, and if you desaturate by 10%, it is **62.9610, 58.7654, 69.3256**.

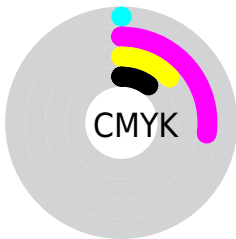
Distribution



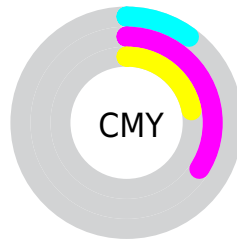
- Red (90%)
- Green (66%)
- Blue (78%)



- Red (90%)
- Yellow (66%)
- Blue (78%)



- Cyan (0%)
- Magenta (27%)
- Yellow (13%)
- Black (10%)





- Cyan (10%)
- Magenta (34%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9446, 48.9518, 60.4802 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 56.9446, 48.9518, 60.4802 by changing the saturation by 10% instead.

 56.9446, 48.9518,
60.4802

 56.9446, 48.9518,
60.4802

403.2592,
382.5525, 444.2192

 41.2007, 34.5812,
43.3780

 99.5162, 88.6199,
107.0761

 28.6643, 23.3405,
29.8482


 127.0746,
114.6862, 137.4069

 18.9700, 14.8451,
19.4723


159.3019,
145.4198, 172.9843

 11.7525, 8.7108,
11.8318

196.5634,
181.2053, 214.2268

 6.6464, 4.5530,
6.5081

239.2246,
222.4269, 261.5531

 3.2863, 1.9875,
3.0827

287.6507,

 1.3069, 0.6002,

269.4690, 315.3815

1.1370

342.2071,
322.7161, 376.1307

■ 0.1884, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.9446, 48.9518,
60.4802

■ 56.9446, 48.9518,
60.4802

■ 51.7830, 40.6849,
52.4187

■ 62.9610, 58.7654,
69.3256

■ 47.4300, 33.8781,
45.1133

■ 69.8666, 70.1932,
78.9755

■ 43.8417, 28.4462,
38.5385

■ 77.6993, 83.3069,
89.4532

■ 40.9678, 24.2926,
32.6658

■ 84.8755, 94.9360,
100.2408

■ 38.7516, 21.3077,
27.4640

■ 86.4434, 95.5632,
108.4972

■ 37.1268, 19.3636,
22.8985

■ 36.0090, 18.2950,
18.9277

■ 35.7275, 18.0608,
17.8205

Harmonies

Analogous

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



54.1274, 48.9518, 75.7577



56.9446, 48.9518, 60.4802



56.8283, 48.9518, 45.7239

Triad

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



56.9446, 48.9518, 60.4802



43.8006, 48.9518, 30.2187



39.9243, 48.9518, 76.7680

Complementary

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



56.9446, 48.9518, 60.4802



54.7561, 69.0434, 64.4768

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.



37.5528, 48.9518, 61.6703



56.9446, 48.9518, 60.4802



39.6740, 48.9518, 35.7873

Square

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



56.9446, 48.9518, 60.4802



48.9710, 48.9518, 30.0197



37.4647, 48.9518, 46.7122



44.1661, 48.9518, 86.2816

Rectangle

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



56.9446, 48.9518, 60.4802



55.0961, 48.9518, 38.1141



37.4647, 48.9518, 46.7122



38.8963, 48.9518, 72.0635

Sweetspot

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



56.9460, 48.9540, 60.4812



87.2847, 87.0282, 98.4234



51.8408, 45.8631, 80.9838



18.3882, 18.1386, 20.6612



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.



56.9460, 48.9540, 60.4812



68.4232, 56.1659, 70.9853



53.7055, 47.6578, 43.4168



14.6760, 14.4876, 16.4943



20.2885, 10.2496, 10.4141



1.5461, 0.7762, 1.0165

Inverse Universe

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



56.9460, 48.9540, 60.4812



68.4232, 56.1659, 70.9853



58.7298, 70.6328, 85.4017



14.6760, 14.4876, 16.4943



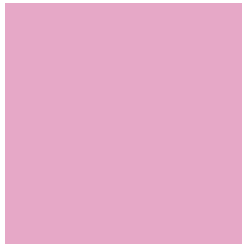
20.2885, 10.2496, 10.4141



1.5461, 0.7762, 1.0165

Previews

White Background



This preview shows how the XYZ color 56.9446, 48.9518, 60.4802 looks on a white background.

Color Contrast Check

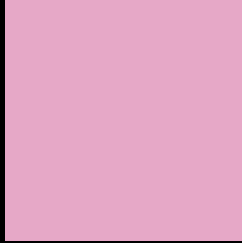
Large Text (above 18pt) WCAG AA × Fail

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 56.9446, 48.9518, 60.4802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

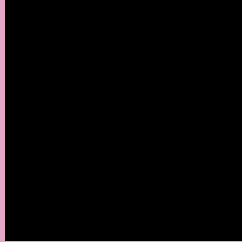
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.9446, 48.9518, 60.4802

Background



This preview shows how black text looks on a background with the XYZ color 56.9446, 48.9518, 60.4802.



This preview shows how white text looks on a background with the XYZ color 56.9446, 48.9518,

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

56.9446, 48.9518, 60.4802

Protanopia

48.3860, 49.3687, 67.3005

Deuteranopia

50.1551, 49.2211, 59.6805



Tritanopia

55.2095, 49.0805, 51.9110

Trichromacy



Original Color

56.9446, 48.9518, 60.4802

Protanomaly

50.9590, 48.9273, 64.5157

Deuteranomaly

52.2967, 48.8295, 60.0948

Tritanomaly

55.8731, 49.0816, 54.6730

Monochromacy



Original Color

56.9446, 48.9518, 60.4802

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

51.5304, 50.2853, 57.4422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9446, 48.9518, 60.4802 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(230, 168, 199)` looks like.

```
.text, #text, p{  
    color:rgb(230, 168, 199)  
}
```

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(230, 168, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 168, 199) }
```

Border

The CSS property to change the border of an element to XYZ 56.9446, 48.9518, 60.4802 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(230, 168, 199) }
```


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

```
.border{ border-color:rgb(230, 168, 199) }
```

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

Here you see how a box with a 4 pixel rgb(230, 168, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 168, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 168, 199);  
box-shadow:4px 4px 4px 4px rgb(230, 168,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9446, 48.9518, 60.4802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 168, 199) }
```

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

```
.background{ background-color: rgb(230,  
168, 199) }
```

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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