

Converting Colors

XYZ(56.4020, 48.4753, 64.3524)

Have a look what the booklet for
XYZ(56.4020, 48.4753, 64.3524)
contains.

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Color

**XYZ(56.3861, 48.5818,
64.1630)**

Conversions

Conversions Part 1

Format	Color
Hex	E2A8CD
RGB	226, 168, 205
RGB Percent	89%, 66%, 80%
CMY	0.1137, 0.3412, 0.1961
CMYK	0.00, 0.26, 0.09, 0.11
HSL	322°, 50%, 77%
HSV	322°, 26%, 89%
XYZ	56.3861, 48.5818, 64.1630
YIQ	189.5600, 22.6910, 23.8030

Conversions

Conversions Part 2

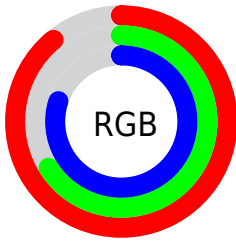
Format	Color
R _Y B	226, 168, 205
Decimal	14854349
CIE Lab	75.19, 27.07, -10.45
CIE LCh	75, 29.013, 338.886
Yxy	48.5818, 0.3334, 0.2872
Android (android.graphics.Color)	4293044429 (0xFFE2A8CD)
YUV	189.5600, 7.6119, 31.9579
Hunter-Lab	69.7006, 22.4260, -5.7890

Details

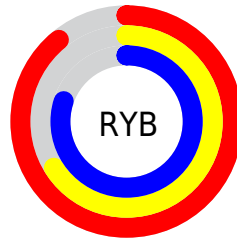
The XYZ color **56.3861, 48.5818, 64.1630** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.5321, 66.3930, 58.1935**, and the grayscale version is **48.6404, 51.1735, 55.7279**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **28.2942, 23.0419, 32.2344** is the 20% darker color. If you saturate the color by 10%, you get **51.6089, 40.5667, 57.8240**, and if you desaturate by 10%, it is **61.9429, 58.0721, 71.0179**.

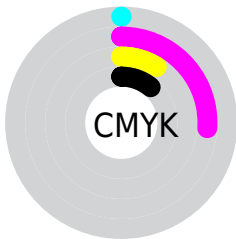
Distribution



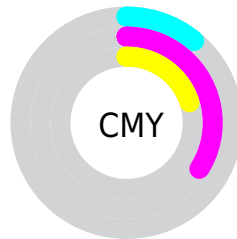
- Red (89%)
- Green (66%)
- Blue (80%)



- Red (89%)
- Yellow (66%)
- Blue (80%)



- Cyan (0%)
- Magenta (26%)
- Yellow (9%)
- Black (11%)





- Cyan (11%)
- Magenta (34%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3861, 48.5818, 64.1630 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 56.3861, 48.5818, 64.1630 by changing the saturation by 10% instead.


 56.3861, 48.5818,
64.1630


 56.3861, 48.5818,
64.1630


401.1964,
381.0936, 458.0016

 40.7508, 34.2879,
46.3357

 98.7054, 88.0700,
112.4474

 28.3112, 23.1148,
32.1602


 126.1201,
114.0331, 143.7415

 18.7020, 14.6783,
21.2181


158.1920,
144.6546, 180.3617

 11.5579, 8.5939,
13.0907

195.2864,
180.3191, 222.7264

 6.5135, 4.4773,
7.3596

237.7687,
221.4108, 271.2542

 3.2033, 1.9440,
3.6061

286.0042,

 1.2622, 0.5746,

268.3142, 326.3636

1.4119

340.3583,
321.4137, 388.4733

■ 0.1546, 0.0000,
0.1509

■ 0.0000, 0.0000,
0.0000

■ 56.3861, 48.5818,
64.1630

■ 56.3861, 48.5818,
64.1630

■ 51.6089, 40.5667,
57.8240

■ 61.9429, 58.0721,
71.0179

■ 47.5688, 33.9448,
51.9812

■ 68.3105, 69.1010,
78.4013

■ 44.2255, 28.6363,
46.6178

■ 75.5238, 81.7359,
86.3290

■ 41.5329, 24.5506,
41.7144

■ 82.5180, 93.8464,
94.4496

■ 39.4392, 21.5851,
37.2496

■ 83.7463, 94.3377,
100.9178

■ 37.8842, 19.6208,
33.1990

■ 85.0299, 94.8512,
107.6775

■ 36.7937, 18.5109,
29.5337

■ 85.1743, 94.9089,
108.4378

■ 36.4112, 18.1876,
28.0442

Harmonies

Analogous

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



52.8966, 48.5818, 79.1230



56.3861, 48.5818, 64.1630



57.0326, 48.5818, 48.5016

Triad

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



56.3861, 48.5818, 64.1630



44.6140, 48.5818, 28.9191



38.6649, 48.5818, 73.4929

Complementary

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



56.3861, 48.5818, 64.1630



52.5321, 66.3930, 58.1935

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.



36.7920, 48.5818, 57.5509



56.3861, 48.5818, 64.1630



40.0494, 48.5818, 33.2202

Square

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



56.3861, 48.5818, 64.1630



49.9577, 48.5818, 30.0121



37.2786, 48.5818, 43.0341



42.5892, 48.5818, 85.1879

Rectangle

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



56.3861, 48.5818, 64.1630



55.7196, 48.5818, 39.9747



37.2786, 48.5818, 43.0341



37.7887, 48.5818, 68.3419

Sweetspot

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



56.3875, 48.5840, 64.1640



87.7173, 87.2012, 100.7010



48.5452, 44.2283, 77.9305



18.4972, 18.1822, 21.2352



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.



56.3875, 48.5840, 64.1640



70.5347, 57.8027, 79.6621



53.2744, 47.3387, 47.7702



14.0734, 13.8470, 16.1567



20.8312, 10.3995, 16.3087



1.4863, 0.7378, 1.3539

Inverse Universe

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



56.3875, 48.5840, 64.1640



70.5347, 57.8027, 79.6621



55.9099, 67.7441, 75.9807



14.0734, 13.8470, 16.1567



20.8312, 10.3995, 16.3087



1.4863, 0.7378, 1.3539

Previews

White Background



This preview shows how the XYZ color 56.3861, 48.5818, 64.1630 looks on a white background.

Color Contrast Check

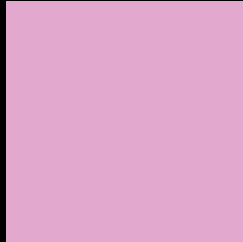
Large Text (above 18pt) WCAG AA × Fail

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 56.3861, 48.5818, 64.1630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

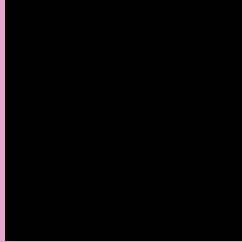
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3861, 48.5818, 64.1630

Background



This preview shows how black text looks on a background with the XYZ color 56.3861, 48.5818, 64.1630.



This preview shows how white text looks on a background with the XYZ color 56.3861, 48.5818,

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

56.3861, 48.5818, 64.1630

Protanopia

48.2286, 48.8906, 71.1849

Deuteranopia

49.8657, 48.6901, 63.2698



Tritanopia

53.9409, 48.6958, 52.4552

Trichromacy



Original Color

56.3861, 48.5818, 64.1630



Protanomaly

50.7042, 48.4143, 68.3005



Deuteranomaly

52.1565, 48.6757, 63.7731



Tritanomaly

54.8178, 48.7789, 56.3952

Monochromacy



Original Color

56.3861, 48.5818, 64.1630



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

51.2069, 50.0925, 58.5997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3861, 48.5818, 64.1630 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(226, 168, 205)` looks like.

```
.text, #text, p{  
    color:rgb(226, 168, 205)  
}
```

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(226, 168, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 168, 205) }
```

Border

The CSS property to change the border of an element to XYZ 56.3861, 48.5818, 64.1630 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(226, 168, 205) }
```


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

```
.border{ border-color:rgb(226, 168, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 168, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 168, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 168, 205);  
box-shadow:4px 4px 4px 4px rgb(226, 168,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3861, 48.5818, 64.1630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 168, 205) }
```

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

```
.background{ background-color: rgb(226,  
168, 205) }
```

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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