

Converting Colors

XYZ(61.8198, 50.2196, 70.4777)

Have a look what the booklet for
XYZ(61.8198, 50.2196, 70.4777)
contains.

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Color

**XYZ(61.8168, 50.1580,
70.7133)**

Conversions

Conversions Part 1

Format	Color
Hex	F1A4D7
RGB	241, 164, 215
RGB Percent	95%, 64%, 84%
CMY	0.0549, 0.3568, 0.1569
CMYK	0.00, 0.32, 0.11, 0.05
HSL	320°, 73%, 79%
HSV	320°, 32%, 95%
XYZ	61.8168, 50.1580, 70.7133
YIQ	192.8370, 29.5210, 32.1850

Conversions

Conversions Part 2

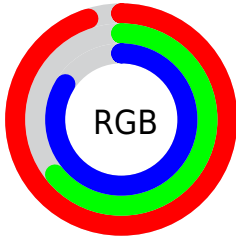
Format	Color
R _Y B	241, 164, 215
Decimal	15836375
CIE Lab	76.17, 35.94, -14.29
CIE LCh	76, 38.674, 338.313
Yxy	50.1580, 0.3384, 0.2746
Android (android.graphics.Color)	4294026455 (0xFFFF1A4D7)
YUV	192.8370, 10.9264, 42.2390
Hunter-Lab	70.8223, 31.8635, -9.6231

Details

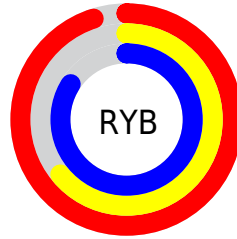
The XYZ color **61.8168, 50.1580, 70.7133** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.0615, 74.5222, 60.1480**, and the grayscale version is **50.5199, 53.1509, 57.8813**.

A 20% lighter version of the original color is **84.8832, 79.6664, 105.5111**, and **31.7968, 24.0973, 36.2331** is the 20% darker color. If you saturate the color by 10%, you get **56.8860, 41.9278, 64.0382**, and if you desaturate by 10%, it is **67.6198, 60.0479, 77.9369**.

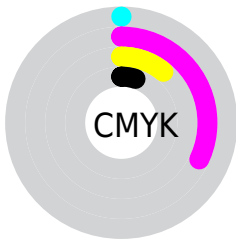
Distribution



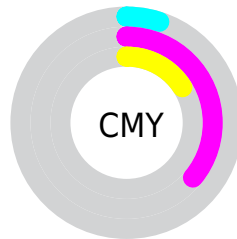
- Red (95%)
- Green (64%)
- Blue (84%)



- Red (95%)
- Yellow (64%)
- Blue (84%)



- Cyan (0%)
- Magenta (32%)
- Yellow (11%)
- Black (5%)





- Cyan (5%)
- Magenta (36%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.8168, 50.1580, 70.7133 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 61.8168, 50.1580, 70.7133 by changing the saturation by 10% instead.


 61.8168, 50.1580,
70.7133


 61.8168, 50.1580,
70.7133


420.9907,
387.2835, 481.9072

 45.1397, 35.5390,
51.6279


 106.5521, 90.4089,
121.9160

 31.7692, 24.0783,
36.3283


 135.3411,
116.8096, 154.8704

 21.3400, 15.3917,
24.3962


168.8981,
147.9063, 193.2849

 13.4866, 9.0948,
15.4129

207.5885,
184.0834, 237.5780

 7.8438, 4.8031,
8.9598

251.7776,
225.7252, 288.1682

 4.0461, 2.1322,
4.6185

301.8307,

 1.7283, 0.6826,

273.2163, 345.4741

1.9704

358.1133,
326.9409, 409.9143

■ 0.4739, 0.0000,
0.5370

■ 0.0000, 0.0000,
0.0000

■ 61.8168, 50.1580,
70.7133

■ 61.8168, 50.1580,
70.7133

■ 56.8860, 41.9278,
64.0382

■ 67.6198, 60.0479,
77.9369

■ 52.7758, 35.2577,
57.8891

■ 74.3340, 71.6762,
85.7239

■ 49.4361, 30.0477,
52.2461

■ 82.0011, 85.1248,
94.0924

■ 46.8092, 26.1836,
47.0860

■ 88.9100, 96.9706,
102.4755

■ 44.8285, 23.5338,
42.3827

■ 90.0859, 97.4409,
108.6677

■ 43.4144, 21.9400,
38.1057

■ 42.5878, 21.2257,
34.9355

Harmonies

Analogous

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



56.8368, 50.1580, 92.2551



61.8168, 50.1580, 70.7133



62.8201, 50.1580, 49.0487

Triad

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



61.8168, 50.1580, 70.7133



45.6888, 50.1580, 23.8969



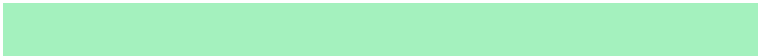
37.5624, 50.1580, 83.2517

Complementary

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



61.8168, 50.1580, 70.7133



56.0615, 74.5222, 60.1480

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.



35.1814, 50.1580, 60.5841



61.8168, 50.1580, 70.7133



39.5524, 50.1580, 28.9209

Square

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



61.8168, 50.1580, 70.7133



53.0060, 50.1580, 25.3090



35.8712, 50.1580, 41.1641



42.7115, 50.1580, 100.6765

Rectangle

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



61.8168, 50.1580, 70.7133



61.0116, 50.1580, 37.8004



35.8712, 50.1580, 41.1641



36.4368, 50.1580, 75.7927

Sweetspot

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



61.8183, 50.1603, 70.7143



86.0922, 84.2535, 99.2272



50.3069, 43.8087, 89.0243



18.1769, 17.5965, 20.9593



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.



61.8183, 50.1603, 70.7143



66.7061, 51.0367, 75.6384



57.4721, 48.4218, 47.8278



16.2142, 15.9354, 18.6842



23.1597, 11.5363, 19.2892



1.9729, 0.9782, 1.8480

Inverse Universe

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



61.8183, 50.1603, 70.7143



66.7061, 51.0367, 75.6384



60.7936, 76.4151, 85.0668



16.2142, 15.9354, 18.6842



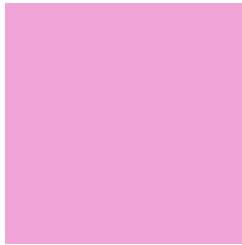
23.1597, 11.5363, 19.2892



1.9729, 0.9782, 1.8480

Previews

White Background



This preview shows how the XYZ color 61.8168, 50.1580, 70.7133 looks on a white background.

Color Contrast Check

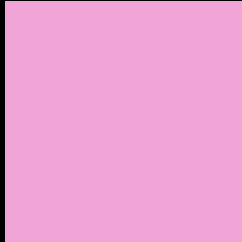
Large Text (above 18pt) WCAG AA × Fail

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 61.8168, 50.1580, 70.7133 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 61.8168, 50.1580, 70.7133

Background



This preview shows how black text looks on a background with the XYZ color 61.8168, 50.1580, 70.7133.



This preview shows how white text looks on a background with the XYZ color 61.8168, 50.1580,

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

61.8168, 50.1580, 70.7133

Protanopia

50.2019, 50.2960, 81.9251

Deuteranopia

51.4563, 50.3059, 68.6260



Tritanopia

57.8470, 50.1729, 51.4352

Trichromacy



Original Color

61.8168, 50.1580, 70.7133



Protanomaly

53.5984, 49.6945, 78.0012



Deuteranomaly

54.5604, 49.8012, 69.0243



Tritanomaly

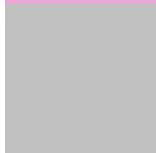
59.1129, 50.1225, 58.1888

Monochromacy



Original Color

61.8168, 50.1580, 70.7133



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

53.8489, 51.3746, 62.3365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8168, 50.1580, 70.7133 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(241, 164, 215)` looks like.

```
.text, #text, p{  
    color:rgb(241, 164, 215)  
}
```

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(241, 164, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 164, 215) }
```

Border

The CSS property to change the border of an element to XYZ 61.8168, 50.1580, 70.7133 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(241, 164, 215) }
```


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

```
.border{ border-color:rgb(241, 164, 215) }
```

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

Here you see how a box with a 4 pixel rgb(241, 164, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 164, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 164, 215);  
box-shadow:4px 4px 4px 4px rgb(241, 164,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8168, 50.1580, 70.7133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 164, 215) }
```

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

```
.background{ background-color: rgb(241,  
164, 215) }
```

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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