

Converting Colors

XYZ(61.8849, 50.2074, 61.8957)

Have a look what the booklet for
XYZ(61.8849, 50.2074, 61.8957)
contains.

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Color

**XYZ(61.6458, 50.0043,
61.6610)**

Conversions

Conversions Part 1

Format	Color
Hex	F6A3C9
RGB	246, 163, 201
RGB Percent	96%, 64%, 79%
CMY	0.0353, 0.3608, 0.2118
CMYK	0.00, 0.34, 0.18, 0.04
HSL	333°, 82%, 80%
HSV	333°, 34%, 96%
XYZ	61.6458, 50.0043, 61.6610
YIQ	192.1490, 37.2700, 29.4140

Conversions

Conversions Part 2

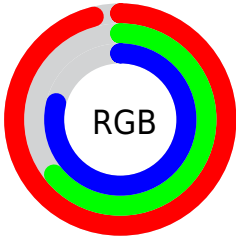
Format	Color
R _Y B	246, 163, 201
Decimal	16163785
CIE Lab	76.07, 35.94, -6.72
CIE LCh	76, 36.566, 349.405
Yxy	50.0043, 0.3557, 0.2885
Android (android.graphics.Color)	4294353865 (0xFFF6A3C9)
YUV	192.1490, 4.3635, 47.2273
Hunter-Lab	70.7137, 31.8612, -2.2001

Details

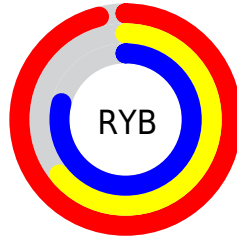
The XYZ color **61.6458, 50.0043, 61.6610** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.4473, 78.2534, 71.6495**, and the grayscale version is **50.1513, 52.7631, 57.4590**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **31.5814, 23.9498, 30.5620** is the 20% darker color. If you saturate the color by 10%, you get **56.1939, 41.5030, 52.4357**, and if you desaturate by 10%, it is **68.0864, 60.2638, 71.8892**.

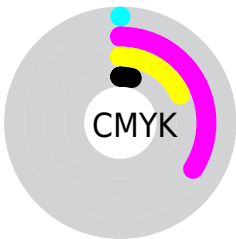
Distribution



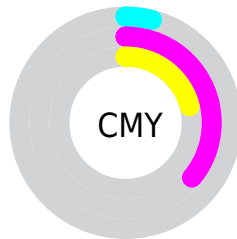
- Red (96%)
- Green (64%)
- Blue (79%)



- Red (96%)
- Yellow (64%)
- Blue (79%)



- Cyan (0%)
- Magenta (34%)
- Yellow (18%)
- Black (4%)





- Cyan (4%)
- Magenta (36%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.6458, 50.0043, 61.6610 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 61.6458, 50.0043, 61.6610 by changing the saturation by 10% instead.

 61.6458, 50.0043,
61.6610


 61.6458, 50.0043,
61.6610


420.3761,
386.6828, 448.6669

 45.0011, 35.4168,
44.3248

 106.3063, 90.1812,
108.8023

 31.6596, 23.9841,
30.5869


 135.0527,
116.5395, 139.4444

 21.2559, 15.3218,
20.0287

168.5638,
147.5901, 175.3590

 13.4247, 9.0456,
12.2316

207.2049,
183.7175, 216.9645

 7.8006, 4.7709,
6.7772

251.3413,
225.3061, 264.6795

 4.0184, 2.1135,
3.2468

301.3384,

 1.7125, 0.6722,

272.7402, 318.9226

1.2220

357.5615,
326.4043, 380.1122

■ 0.4641, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.6458, 50.0043,
61.6610

■ 61.6458, 50.0043,
61.6610

■ 56.1939, 41.5030,
52.4357

■ 68.0864, 60.2638,
71.8892

■ 51.6734, 34.6525,
44.1757

■ 75.5601, 72.3667,
83.1498

■ 48.0276, 29.3448,
36.8447

■ 84.1139, 86.4011,
95.4750

■ 45.1915, 25.4554,
30.4028

■ 91.7123, 98.2914,
108.2015

■ 43.0899, 22.8408,
24.8055

■ 91.8162, 98.3329,
108.7487

■ 41.6323, 21.3259,
20.0022

■ 40.9654, 20.7766,
17.3617

Harmonies

Analogous

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



58.2174, 50.0043, 82.7815



61.6458, 50.0043, 61.6610



61.0267, 50.0043, 42.8779

Triad

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



61.6458, 50.0043, 61.6610



43.2950, 50.0043, 26.1107



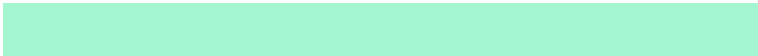
39.4813, 50.0043, 88.3038

Complementary

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



61.6458, 50.0043, 61.6610



59.4473, 78.2534, 71.6495

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.



36.1822, 50.0043, 67.9278



61.6458, 50.0043, 61.6610



38.2337, 50.0043, 33.4501

Square

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



61.6458, 50.0043, 61.6610



49.9842, 50.0043, 25.2049



35.7484, 50.0043, 47.8173



45.1528, 50.0043, 100.4347

Rectangle

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



61.6458, 50.0043, 61.6610



58.4183, 50.0043, 33.8844



35.7484, 50.0043, 47.8173



38.0822, 50.0043, 81.9928

Sweetspot

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



61.6472, 50.0066, 61.6620



85.3010, 83.9370, 95.0609



55.5405, 46.1548, 93.1706



17.9854, 17.5199, 19.9509



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.



61.6472, 50.0066, 61.6620



63.0210, 48.1984, 60.4388



58.2126, 49.4274, 41.1256



16.8146, 16.6087, 18.7705



21.9346, 11.1173, 9.6299



1.9791, 0.9976, 1.1161

Inverse Universe

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



61.6472, 50.0066, 61.6620



63.0210, 48.1984, 60.4388



63.8608, 78.6824, 99.0106



16.8146, 16.6087, 18.7705



21.9346, 11.1173, 9.6299



1.9791, 0.9976, 1.1161

Previews

White Background



This preview shows how the XYZ color 61.6458, 50.0043, 61.6610 looks on a white background.

Color Contrast Check

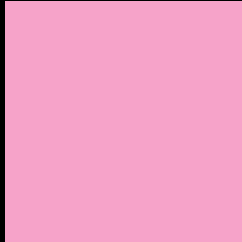
Large Text (above 18pt) WCAG AA × Fail

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 61.6458, 50.0043, 61.6610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

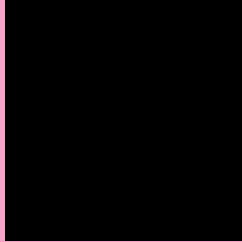
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.6458, 50.0043, 61.6610

Background



This preview shows how black text looks on a background with the XYZ color 61.6458, 50.0043, 61.6610.



This preview shows how white text looks on a background with the XYZ color 61.6458, 50.0043,

61.6610.

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

61.6458, 50.0043, 61.6610

Protanopia

49.6934, 50.5658, 72.1068

Deuteranopia

51.1631, 50.0437, 59.7861



Tritanopia

59.2636, 50.1252, 49.1994

Trichromacy



Original Color

61.6458, 50.0043, 61.6610



Protanomaly

53.1319, 49.6657, 68.4141



Deuteranomaly

54.4365, 49.6426, 60.1389



Tritanomaly

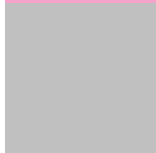
60.2620, 50.2728, 53.5412

Monochromacy



Original Color

61.6458, 50.0043, 61.6610



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

53.5256, 50.9849, 58.6497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6458, 50.0043, 61.6610 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(246, 163, 201)` looks like.

```
.text, #text, p{  
    color:rgb(246, 163, 201)  
}
```

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(246, 163, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 163, 201) }
```

Border

The CSS property to change the border of an element to XYZ 61.6458, 50.0043, 61.6610 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(246, 163, 201) }
```


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

```
.border{ border-color:rgb(246, 163, 201) }
```

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

Here you see how a box with a 4 pixel rgb(246, 163, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 163, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 163, 201);  
box-shadow:4px 4px 4px 4px rgb(246, 163,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6458, 50.0043, 61.6610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 163, 201) }
```

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

```
.background{ background-color: rgb(246,  
163, 201) }
```

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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