

Converting Colors

XYZ(61.2580, 48.2780, 65.0606)

Have a look what the booklet for
XYZ(61.2580, 48.2780, 65.0606)
contains.

XYZ(61.3255, 48.2118, 65.1051)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.3255, 48.2118,
65.1051)**

Conversions

Conversions Part 1

Format	Color
Hex	F69DCF
RGB	246, 157, 207
RGB Percent	96%, 62%, 81%
CMY	0.0353, 0.3843, 0.1882
CMYK	0.00, 0.36, 0.16, 0.04
HSL	326°, 83%, 79%
HSV	326°, 36%, 96%
XYZ	61.3255, 48.2118, 65.1051
YIQ	189.3110, 36.9940, 34.4180

Conversions

Conversions Part 2

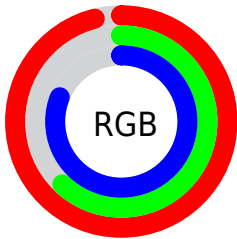
Format	Color
R _Y B	246, 157, 207
Decimal	16162255
CIE Lab	74.96, 39.99, -11.67
CIE LCh	75, 41.659, 343.735
Yxy	48.2118, 0.3511, 0.2761
Android (android.graphics.Color)	4294352335 (0xFFFF69DCF)
YUV	189.3110, 8.7207, 49.7163
Hunter-Lab	69.4347, 36.1424, -6.9887

Details

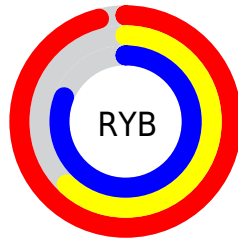
The XYZ color **61.3255, 48.2118, 65.1051** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.8263, 77.0665, 64.1084**, and the grayscale version is **48.4859, 51.0109, 55.5509**.

A 20% lighter version of the original color is **83.0842, 76.0685, 104.9114**, and **31.4391, 22.8919, 32.8985** is the 20% darker color. If you saturate the color by 10%, you get **56.3017, 40.2014, 57.1485**, and if you desaturate by 10%, it is **67.2800, 57.9383, 73.8170**.

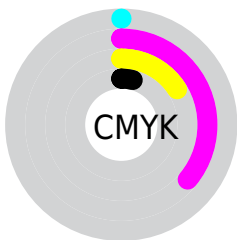
Distribution



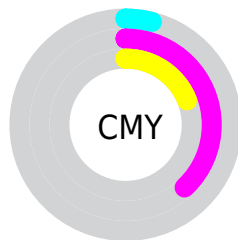
- Red (96%)
- Green (62%)
- Blue (81%)



- Red (96%)
- Yellow (62%)
- Blue (81%)



- Cyan (0%)
- Magenta (36%)
- Yellow (16%)
- Black (4%)





- Cyan (4%)
- Magenta (38%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3255, 48.2118, 65.1051 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 61.3255, 48.2118, 65.1051 by changing the saturation by 10% instead.


 61.3255, 48.2118,
65.1051


 61.3255, 48.2118,
65.1051


419.2233,
379.6310, 461.4861

 44.7414, 33.9946,
47.0944

 105.8455, 87.5197,
113.8157

 31.4542, 22.8895,
32.7554


 134.5122,
113.3792, 145.3526

 21.0985, 14.5119,
21.6696

167.9372,
143.8883, 182.2355

 13.3089, 8.4776,
13.4183

206.4858,
179.4313, 224.8827

 7.7201, 4.4020,
7.5831

250.5233,
220.3927, 273.7128

 3.9666, 1.9009,
3.7455

300.4152,

 1.6833, 0.5489,

267.1569, 329.1444

1.4868

356.5267,
320.1082, 391.5960

■ 0.4458, 0.0000,
0.2080

■ 0.0000, 0.0000,
0.0000

■ 61.3255, 48.2118,
65.1051

■ 61.3255, 48.2118,
65.1051

■ 56.3017, 40.2014,
57.1485

■ 67.2800, 57.9383,
73.8170

■ 52.1519, 33.7986,
49.9180

■ 74.2090, 69.4677,
83.3057

■ 48.8198, 28.8928,
43.3863

■ 82.1587, 82.8887,
93.5956

■ 46.2400, 25.3565,
37.5221

■ 91.0409, 98.0228,
104.6652

■ 44.3364, 23.0405,
32.2904

■ 91.8163, 98.3330,
108.7487

■ 43.0148, 21.7597,
27.6497

■ 42.6080, 21.4337,
26.0109

Harmonies

Analogous

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



56.6821, 48.2118, 88.8948



61.3255, 48.2118, 65.1051



61.5285, 48.2118, 43.1753

Triad

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



61.3255, 48.2118, 65.1051



42.4425, 48.2118, 21.4409



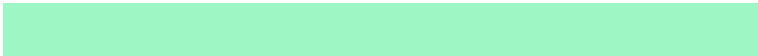
36.0590, 48.2118, 87.0514

Complementary

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



61.3255, 48.2118, 65.1051



56.8263, 77.0665, 64.1084

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.



33.0485, 48.2118, 63.0665



61.3255, 48.2118, 65.1051



36.4492, 48.2118, 27.6978

Square

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



61.3255, 48.2118, 65.1051



50.0382, 48.2118, 21.7053



33.1830, 48.2118, 41.6274



41.8531, 48.2118, 103.7659

Rectangle

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



61.3255, 48.2118, 65.1051



59.0766, 48.2118, 32.5208



33.1830, 48.2118, 41.6274



34.7180, 48.2118, 79.3228

Sweetspot

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



61.3269, 48.2140, 65.1061



84.8290, 82.6242, 96.0399



51.3461, 42.4481, 92.6765



17.9078, 17.2648, 20.2332



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.



61.3269, 48.2140, 65.1061



62.6752, 46.1204, 64.5973



56.6697, 46.3512, 40.5816



16.8890, 16.6385, 19.1622



22.8141, 11.4691, 14.2615



2.0567, 1.0287, 1.5252

Inverse Universe

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



61.3269, 48.2140, 65.1061



62.6752, 46.1204, 64.5973



62.6001, 79.3760, 94.5126



16.8890, 16.6385, 19.1622



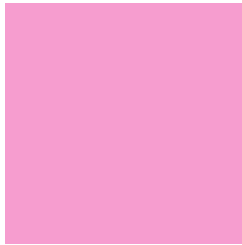
22.8141, 11.4691, 14.2615



2.0567, 1.0287, 1.5252

Previews

White Background



This preview shows how the XYZ color 61.3255, 48.2118, 65.1051 looks on a white background.

Color Contrast Check

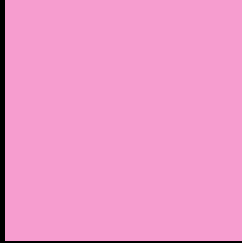
Large Text (above 18pt) WCAG AA × Fail

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 61.3255, 48.2118, 65.1051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

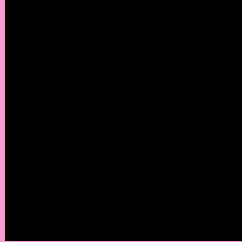
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3255, 48.2118, 65.1051

Background



This preview shows how black text looks on a background with the XYZ color 61.3255, 48.2118, 65.1051.



This preview shows how white text looks on a background with the XYZ color 61.3255, 48.2118,

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

61.3255, 48.2118, 65.1051

Protanopia

48.2925, 48.4789, 77.3331

Deuteranopia

49.6064, 48.5564, 63.2577



Tritanopia

57.4530, 48.1668, 46.8265

Trichromacy



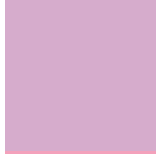
Original Color

61.3255, 48.2118, 65.1051



Protanomaly

51.8783, 47.7516, 72.8124



Deuteranomaly

53.3832, 48.1608, 63.6091



Tritanomaly

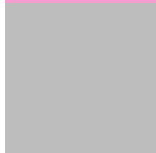
58.6767, 48.1323, 53.2116

Monochromacy



Original Color

61.3255, 48.2118, 65.1051



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

52.2643, 49.1314, 58.9532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3255, 48.2118, 65.1051 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, 157, 207)` looks like.

```
.text, #text, p{  
    color:rgb(246, 157, 207)  
}
```

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, 157, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 157, 207) }
```

Border

The CSS property to change the border of an element to XYZ 61.3255, 48.2118, 65.1051 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, 157, 207) }
```


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

```
.border{ border-color:rgb(246, 157, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 157, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 157, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 157, 207);  
box-shadow:4px 4px 4px 4px rgb(246, 157,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3255, 48.2118, 65.1051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 157, 207) }
```

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

```
.background{ background-color: rgb(246,  
157, 207) }
```

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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