

Converting Colors

XYZ(61.1260, 48.3767, 65.2971)

Have a look what the booklet for
XYZ(61.1260, 48.3767, 65.2971)
contains.

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Color

**XYZ(61.1455, 48.3712,
65.1453)**

Conversions

Conversions Part 1

Format	Color
Hex	F59ECF
RGB	245, 158, 207
RGB Percent	96%, 62%, 81%
CMY	0.0392, 0.3804, 0.1882
CMYK	0.00, 0.36, 0.16, 0.04
HSL	326°, 81%, 79%
HSV	326°, 36%, 96%
XYZ	61.1455, 48.3712, 65.1453
YIQ	189.5990, 36.1230, 33.6830

Conversions

Conversions Part 2

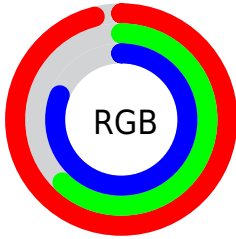
Format	Color
R _Y B	245, 158, 207
Decimal	16096975
CIE Lab	75.06, 39.14, -11.53
CIE LCh	75, 40.800, 343.584
Yxy	48.3712, 0.3501, 0.2769
Android (android.graphics.Color)	4294287055 (0xFFFF59ECF)
YUV	189.5990, 8.5787, 48.5867
Hunter-Lab	69.5494, 35.2197, -6.8510

Details

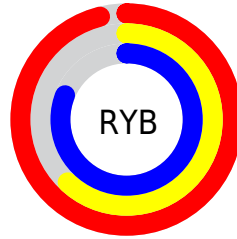
The XYZ color **61.1455, 48.3712, 65.1453** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.7188, 76.5607, 64.0164**, and the grayscale version is **48.6521, 51.1858, 55.7413**.

A 20% lighter version of the original color is **83.3366, 76.5731, 104.9955**, and **31.2949, 22.9679, 32.9208** is the 20% darker color. If you saturate the color by 10%, you get **56.1113, 40.3257, 57.2295**, and if you desaturate by 10%, it is **67.1042, 58.1226, 73.8079**.

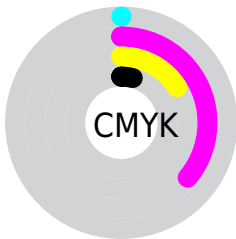
Distribution



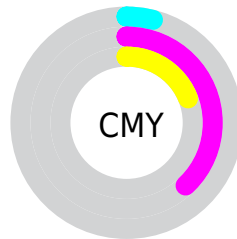
- Red (96%)
- Green (62%)
- Blue (81%)



- 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 61.1455, 48.3712, 65.1453 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 61.1455, 48.3712, 65.1453 by changing the saturation by 10% instead.


 61.1455, 48.3712,
65.1453


 61.1455, 48.3712,
65.1453


418.5747,
380.2616, 461.6344

 44.5956, 34.1209,
47.1268


 105.5865, 87.7568,
113.8740

 31.3389, 22.9865,
32.7809


 134.2083,
113.6610, 145.4213

 21.0102, 14.5836,
21.6889

167.5848,
144.2186, 182.3153

 13.2439, 8.5276,
13.4323

206.0813,
179.8140, 224.9745

 7.6749, 4.4344,
7.5927

250.0632,
220.8316, 273.8175

 3.9377, 1.9194,
3.7514

299.8958,

 1.6669, 0.5600,

267.6558, 329.2628

1.4900

355.9445,
320.6710, 391.7289

■ 0.4354, 0.0000,
0.2105

■ 0.0000, 0.0000,
0.0000

■ 61.1455, 48.3712,
65.1453

■ 61.1455, 48.3712,
65.1453

■ 56.1113, 40.3257,
57.2295

■ 67.1042, 58.1226,
73.8079

■ 51.9459, 33.8792,
50.0318

■ 74.0306, 69.6652,
83.2384

■ 48.5938, 28.9231,
43.5252

■ 81.9700, 83.0865,
93.4607

■ 45.9910, 25.3323,
37.6794

■ 90.6417, 97.8227,
104.3891

■ 44.0630, 22.9608,
32.4600

■ 91.4664, 98.1526,
108.7323

■ 42.7182, 21.6289,
27.8267

■ 42.2426, 21.2471,
25.9129

Harmonies

Analogous

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



56.5854, 48.3712, 88.3620



61.1455, 48.3712, 65.1453



61.3675, 48.3712, 43.6002

Triad

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



61.1455, 48.3712, 65.1453



42.6893, 48.3712, 21.9883



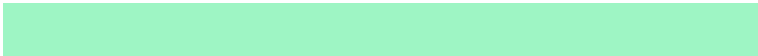
36.3522, 48.3712, 86.3519

Complementary

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



61.1455, 48.3712, 65.1453



56.7188, 76.5607, 64.0164

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.



33.3996, 48.3712, 62.9132



61.1455, 48.3712, 65.1453



36.7822, 48.3712, 28.1722

Square

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



61.1455, 48.3712, 65.1453



50.1474, 48.3712, 22.2829



33.5480, 48.3712, 41.8952



42.0414, 48.3712, 102.6908

Rectangle

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



61.1455, 48.3712, 65.1453



58.9838, 48.3712, 33.0629



33.5480, 48.3712, 41.8952



35.0356, 48.3712, 78.8037

Sweetspot

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



61.1469, 48.3734, 65.1463



84.8350, 82.6266, 96.0716



51.3974, 42.7445, 91.9283



17.9093, 17.2654, 20.2408



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.



61.1469, 48.3734, 65.1463



62.6942, 46.1280, 64.6976



56.5676, 46.5417, 41.0321



16.8900, 16.6389, 19.1675



22.8277, 11.4745, 14.3328



2.0579, 1.0291, 1.5313

Inverse Universe

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



61.1469, 48.3734, 65.1463



62.6942, 46.1280, 64.6976



62.3641, 78.8188, 93.7438



16.8900, 16.6389, 19.1675



22.8277, 11.4745, 14.3328



2.0579, 1.0291, 1.5313

Previews

White Background



This preview shows how the XYZ color 61.1455, 48.3712, 65.1453 looks on a white background.

Color Contrast Check

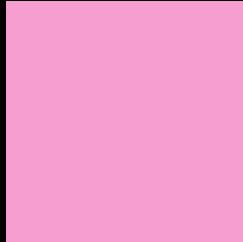
Large Text (above 18pt) WCAG AA × Fail

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 61.1455, 48.3712, 65.1453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

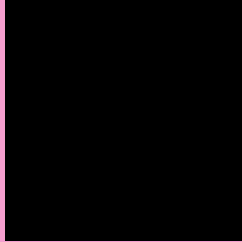
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1455, 48.3712, 65.1453

Background



This preview shows how black text looks on a background with the XYZ color 61.1455, 48.3712, 65.1453.



This preview shows how white text looks on a background with the XYZ color 61.1455, 48.3712,

65.1453.

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

61.1455, 48.3712, 65.1453

Protanopia

48.4995, 48.8929, 77.4021

Deuteranopia

49.6064, 48.5564, 63.2577



Tritanopia

57.3876, 48.3863, 47.3891

Trichromacy



Original Color

61.1455, 48.3712, 65.1453



Protanomaly

52.0723, 48.1394, 72.8770



Deuteranomaly

53.0922, 48.0108, 63.5955



Tritanomaly

58.5079, 48.3058, 53.2539

Monochromacy



Original Color

61.1455, 48.3712, 65.1453



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

52.4625, 49.5279, 59.0193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1455, 48.3712, 65.1453 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(245, 158, 207)` looks like.

```
.text, #text, p{  
    color:rgb(245, 158, 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(245, 158, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 158, 207) }
```

Border

The CSS property to change the border of an element to XYZ 61.1455, 48.3712, 65.1453 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(245, 158, 207) }
```


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

```
.border{ border-color:rgb(245, 158, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 158, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 158, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 158, 207);  
box-shadow:4px 4px 4px 4px rgb(245, 158,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1455, 48.3712, 65.1453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 158, 207) }
```

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

```
.background{ background-color: rgb(245,  
158, 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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