

Converting Colors

XYZ(61.2019, 46.7039, 75.6470)

Have a look what the booklet for
XYZ(61.2019, 46.7039, 75.6470)
contains.

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Color

**XYZ(61.1655, 46.6614,
75.5948)**

Conversions

Conversions Part 1

Format	Color
Hex	F298DF
RGB	242, 152, 223
RGB Percent	95%, 60%, 87%
CMY	0.0510, 0.4039, 0.1255
CMYK	0.00, 0.37, 0.08, 0.05
HSL	313°, 78%, 77%
HSV	313°, 37%, 95%
XYZ	61.1655, 46.6614, 75.5948
YIQ	187.0040, 30.8490, 41.1610

Conversions

Conversions Part 2

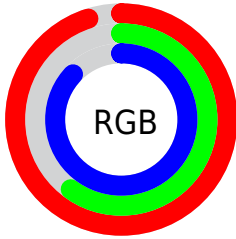
Format	Color
R_{YB}	242, 152, 223
Decimal	15898847
CIE _{Lab}	73.97, 43.86, -21.97
CIE _{LCh}	74, 49.059, 333.395
Yxy	46.6614, 0.3335, 0.2544
Android (android.graphics.Color)	4294088927 (0xFFFF298DF)
YUV	187.0040, 17.7460, 48.2315
Hunter-Lab	68.3092, 40.2918, -17.7973

Details

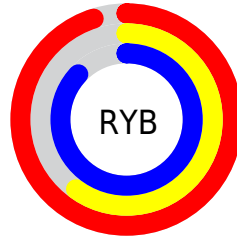
The XYZ color **61.1655, 46.6614, 75.5948** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **52.0537, 73.1215, 49.9014**, and the grayscale version is **47.1285, 49.5829, 53.9958**.

A 20% lighter version of the original color is **81.8459, 73.5918, 104.4986**, and **31.2969, 21.9412, 39.6313** is the 20% darker color. If you saturate the color by 10%, you get **56.9529, 39.3214, 70.8434**, and if you desaturate by 10%, it is **66.2030, 55.6164, 80.7248**.

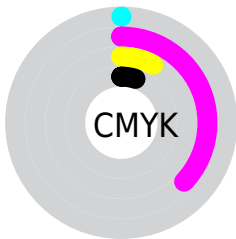
Distribution



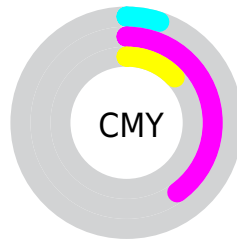
- Red (95%)
- Green (60%)
- Blue (87%)



- Red (95%)
- Yellow (60%)
- Blue (87%)



- Cyan (0%)
- Magenta (37%)
- Yellow (8%)
- Black (5%)





- Cyan (5%)
- Magenta (40%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.1655, 46.6614, 75.5948 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 61.1655, 46.6614, 75.5948 by changing the saturation by 10% instead.

 61.1655, 46.6614,
75.5948


 61.1655, 46.6614,
75.5948


418.6468,
373.4614, 499.2694

 44.6118, 32.7681,
55.5956


 105.6153, 85.2080,
128.9088

 31.3517, 21.9488,
39.4770


 134.2421,
110.6300, 163.0607

 21.0200, 13.8193,
26.8203

167.6239,
140.6637, 202.7673

 13.2511, 7.9951,
17.2071

206.1262,
175.6935, 248.4472

 7.6799, 4.0918,
10.2187

250.1143,
216.1038, 300.5187

 3.9409, 1.7251,
5.4367

299.9535,

 1.6687, 0.4398,

262.2789, 359.4006

2.4425

356.0092,
314.6033, 425.5113

■ 0.4366, 0.0000,
0.8095

■ 0.0000, 0.0000,
0.0000

■ 61.1655, 46.6614,
75.5948

■ 61.1655, 46.6614,
75.5948

■ 56.9529, 39.3214,
70.8434

■ 66.2030, 55.6164,
80.7248

■ 53.5117, 33.4919,
66.4502

■ 72.1062, 66.2700,
86.2462

■ 50.7887, 29.0661,
62.3973

■ 78.9182, 78.7075,
92.1750

■ 48.7219, 25.9204,
58.6629

■ 86.6781, 93.0066,
98.5249

■ 47.2387, 23.9098,
55.2220

■ 89.4068, 97.2088,
103.3037

■ 46.2450, 22.8463,
52.0423

■ 90.2129, 97.5313,
107.5485

■ 46.0123, 22.6350,
51.1813

■ 90.4284, 97.6175,
108.6837

Harmonies

Analogous

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



54.2743, 46.6614, 102.6118



61.1655, 46.6614, 75.5948



63.3627, 46.6614, 48.0047

Triad

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



61.1655, 46.6614, 75.5948



43.3609, 46.6614, 16.2803



31.7300, 46.6614, 82.2240

Complementary

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



61.1655, 46.6614, 75.5948



52.0537, 73.1215, 49.9014

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.



29.5811, 46.6614, 53.7149



61.1655, 46.6614, 75.5948



35.7163, 46.6614, 20.2528

Square

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



61.1655, 46.6614, 75.5948



52.3228, 46.6614, 18.7456



30.9393, 46.6614, 32.1325



37.2317, 46.6614, 107.2410

Rectangle

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



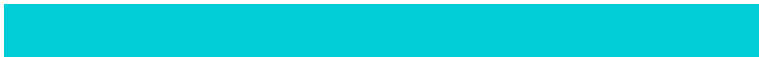
61.1655, 46.6614, 75.5948



61.6604, 46.6614, 33.9692



30.9393, 46.6614, 32.1325



30.6270, 46.6614, 72.4505

Sweetspot

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



61.1670, 46.6635, 75.5958



85.8065, 83.0152, 101.1873



43.8349, 37.4157, 88.9171



18.1414, 17.3583, 21.4633



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.



61.1670, 46.6635, 75.5958



65.0464, 45.8460, 80.8544



55.9847, 44.5906, 48.3062



16.3030, 15.9709, 19.1518



24.7698, 12.1803, 27.7678



2.0959, 1.0274, 2.4960

Inverse Universe

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



61.1670, 46.6635, 75.5958



65.0464, 45.8460, 80.8544



56.9685, 75.0874, 75.7825



16.3030, 15.9709, 19.1518



24.7698, 12.1803, 27.7678



2.0959, 1.0274, 2.4960

Previews

White Background



This preview shows how the XYZ color 61.1655, 46.6614, 75.5948 looks on a white background.

Color Contrast Check

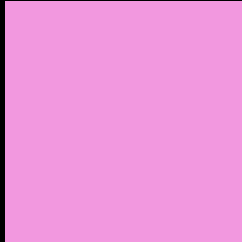
Large Text (above 18pt) WCAG AA × Fail

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 61.1655, 46.6614, 75.5948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

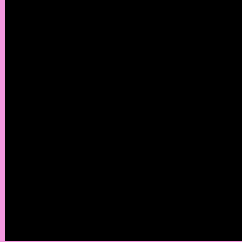
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1655, 46.6614, 75.5948

Background



This preview shows how black text looks on a background with the XYZ color 61.1655, 46.6614, 75.5948.



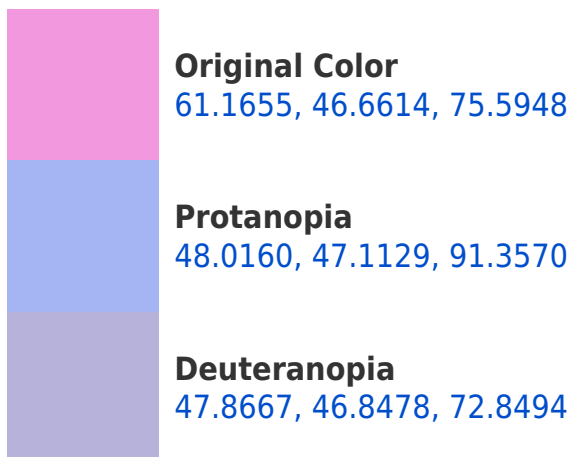
This preview shows how white text looks on a background with the XYZ color 61.1655, 46.6614,

75.5948.

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





Tritanopia

55.1524, 46.7295, 46.1573

Trichromacy



Original Color

61.1655, 46.6614, 75.5948



Protanomaly

51.5074, 46.1430, 85.5486



Deuteranomaly

52.0081, 46.3806, 73.9214



Tritanomaly

57.0012, 46.4366, 55.8280

Monochromacy



Original Color

61.1655, 46.6614, 75.5948



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

51.2935, 47.7076, 61.1486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1655, 46.6614, 75.5948 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(242, 152, 223)` looks like.

```
.text, #text, p{  
    color:rgb(242, 152, 223)  
}
```

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(242, 152, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 152, 223) }
```

Border

The CSS property to change the border of an element to XYZ 61.1655, 46.6614, 75.5948 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(242, 152, 223) }
```


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

```
.border{ border-color:rgb(242, 152, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 152, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 152, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 152, 223);  
box-shadow:4px 4px 4px 4px rgb(242, 152,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1655, 46.6614, 75.5948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 152, 223) }
```

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

```
.background{ background-color: rgb(242,  
152, 223) }
```

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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