

Converting Colors

XYZ(61.7762, 48.0357, 71.1790)

Have a look what the booklet for
XYZ(61.7762, 48.0357, 71.1790)
contains.

XYZ(61.5914, 47.9679, 70.9783)	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(61.5914, 47.9679,
70.9783)**

Conversions

Conversions Part 1

Format	Color
Hex	F49CD8
RGB	244, 156, 216
RGB Percent	96%, 61%, 85%
CMY	0.0431, 0.3882, 0.1529
CMYK	0.00, 0.36, 0.11, 0.04
HSL	319°, 80%, 78%
HSV	319°, 36%, 96%
XYZ	61.5914, 47.9679, 70.9783
YIQ	189.1520, 33.1880, 37.3160

Conversions

Conversions Part 2

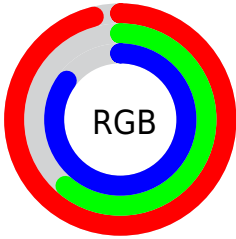
Format	Color
RYB	244, 156, 216
Decimal	16030936
CIELab	74.80, 41.28, -16.85
CIELCh	75, 44.586, 337.789
Yxy	47.9679, 0.3412, 0.2657
Android (android.graphics.Color)	4294221016 (0xFFFF49CD8)
YUV	189.1520, 13.2361, 48.1017
Hunter-Lab	69.2589, 37.5357, -12.2807

Details

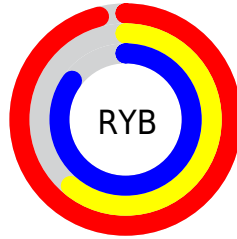
The XYZ color **61.5914, 47.9679, 70.9783** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.7148, 75.2315, 56.9880**, and the grayscale version is **48.3714, 50.8905, 55.4197**.

A 20% lighter version of the original color is **82.8335, 75.5670, 104.8278**, and **31.5330, 22.7128, 36.4403** is the 20% darker color. If you saturate the color by 10%, you get **56.9208, 40.1948, 64.5857**, and if you desaturate by 10%, it is **67.1346, 57.4090, 77.8968**.

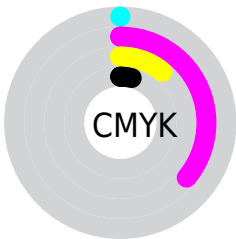
Distribution



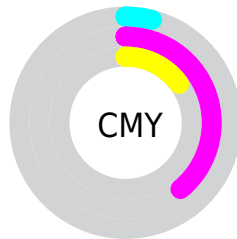
- Red (96%)
- Green (61%)
- Blue (85%)



- Red (96%)
- Yellow (61%)
- Blue (85%)



- Cyan (0%)
- Magenta (36%)
- Yellow (11%)
- Black (4%)





- Cyan (4%)
- Magenta (39%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.5914, 47.9679, 70.9783 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 61.5914, 47.9679, 70.9783 by changing the saturation by 10% instead.


 61.5914, 47.9679,
70.9783


 61.5914, 47.9679,
70.9783

420.1804,
378.6649, 482.8592

 44.9570, 33.8015,
51.8428


 106.2280, 87.1566,
122.2970

 31.6247, 22.7411,
36.4984


 134.9610,
112.9477, 155.3172

 21.2291, 14.4025,
24.5266


168.4574,
143.3824, 193.8028

 13.4050, 8.4011,
15.5089

207.0828,
178.8452, 238.1722

 7.7869, 4.3527,
9.0268

251.2025,
219.7204, 288.8440

 4.0096, 1.8727,
4.6616

301.1817,

 1.7076, 0.5319,

266.3925, 346.2367

1.9949

357.3859,
319.2459, 410.7690

■ 0.4610, 0.0000,
0.5521

■ 0.0000, 0.0000,
0.0000

■ 61.5914, 47.9679,
70.9783

■ 61.5914, 47.9679,
70.9783

■ 56.9208, 40.1948,
64.5857

■ 67.1346, 57.4090,
77.8968

■ 53.0685, 33.9839,
58.6963

■ 73.5923, 68.6027,
85.3567

■ 49.9802, 29.2273,
53.2890

■ 81.0084, 81.6354,
93.3764

■ 47.5933, 25.8009,
48.3399

■ 89.4230, 96.5862,
101.9721

■ 45.8346, 23.5592,
43.8209

■ 91.0899, 97.9618,
108.5648

■ 44.6135, 22.3220,
39.6985

■ 91.1186, 97.9733,
108.7160

■ 44.2246, 21.9997,
38.1652

Harmonies

Analogous

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



55.8211, 47.9679, 96.0246



61.5914, 47.9679, 70.9783



62.8369, 47.9679, 46.4121

Triad

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



61.5914, 47.9679, 70.9783



43.5130, 47.9679, 19.3195



34.3541, 47.9679, 84.6200

Complementary

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



61.5914, 47.9679, 70.9783



54.7148, 75.2315, 56.9880

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.



31.8317, 47.9679, 58.5125



61.5914, 47.9679, 70.9783



36.6958, 47.9679, 24.3061

Square

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



61.5914, 47.9679, 70.9783



51.7392, 47.9679, 20.8524



32.6352, 47.9679, 37.1114



39.9521, 47.9679, 105.3890

Rectangle

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



61.5914, 47.9679, 70.9783



60.8117, 47.9679, 34.0653



32.6352, 47.9679, 37.1114



33.1506, 47.9679, 75.9166

Sweetspot

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



61.5929, 47.9701, 70.9793



85.3414, 82.8292, 98.7384



47.9550, 40.4850, 90.8757



18.0302, 17.3138, 20.8774



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.



61.5929, 47.9701, 70.9793



64.3517, 46.7910, 73.4260



56.6577, 45.9961, 44.9913



16.9761, 16.6733, 19.6209



24.1115, 11.9880, 21.0935



2.1657, 1.0723, 2.0992

Inverse Universe

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



61.5929, 47.9701, 70.9793



64.3517, 46.7910, 73.4260



60.0478, 77.3647, 85.0712



16.9761, 16.6733, 19.6209



24.1115, 11.9880, 21.0935



2.1657, 1.0723, 2.0992

Previews

White Background



This preview shows how the XYZ color 61.5914, 47.9679, 70.9783 looks on a white background.

Color Contrast Check

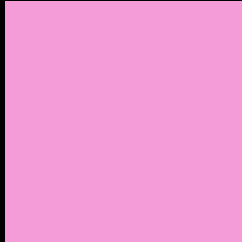
Large Text (above 18pt) WCAG AA × Fail

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 61.5914, 47.9679, 70.9783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

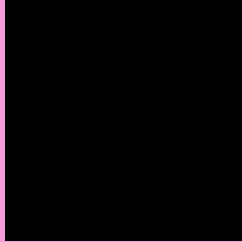
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.5914, 47.9679, 70.9783

Background



This preview shows how black text looks on a background with the XYZ color 61.5914, 47.9679, 70.9783.



This preview shows how white text looks on a background with the XYZ color 61.5914, 47.9679,

70.9783.

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

61.5914, 47.9679, 70.9783

Protanopia

48.7980, 48.5781, 84.6465

Deuteranopia

49.4401, 48.3431, 69.0127



Tritanopia

56.7085, 48.0362, 47.3573

Trichromacy



Original Color

61.5914, 47.9679, 70.9783



Protanomaly

52.0974, 47.4390, 79.0838



Deuteranomaly

53.1515, 47.6316, 69.3432



Tritanomaly

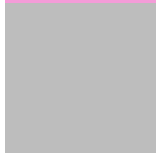
58.4245, 47.9521, 55.4666

Monochromacy



Original Color

61.5914, 47.9679, 70.9783



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

52.3254, 49.1231, 60.7567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5914, 47.9679, 70.9783 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(244, 156, 216)` looks like.

```
.text, #text, p{  
    color:rgb(244, 156, 216)  
}
```

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(244, 156, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 156, 216) }
```

Border

The CSS property to change the border of an element to XYZ 61.5914, 47.9679, 70.9783 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(244, 156, 216) }
```


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

```
.border{ border-color:rgb(244, 156, 216) }
```

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

Here you see how a box with a 4 pixel rgb(244, 156, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 156, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 156, 216);  
box-shadow:4px 4px 4px 4px rgb(244, 156,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5914, 47.9679, 70.9783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 156, 216) }
```

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

```
.background{ background-color: rgb(244,  
156, 216) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor