

Converting Colors

XYZ(60.1398, 44.9233, 70.9271)

Have a look what the booklet for
XYZ(60.1398, 44.9233, 70.9271)
contains.

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Color

**XYZ(60.1115, 44.8006,
71.1248)**

Conversions

Conversions Part 1

Format	Color
Hex	F492D9
RGB	244, 146, 217
RGB Percent	96%, 57%, 85%
CMY	0.0431, 0.4274, 0.1490
CMYK	0.00, 0.40, 0.11, 0.04
HSL	317°, 82%, 76%
HSV	317°, 40%, 96%
XYZ	60.1115, 44.8006, 71.1248
YIQ	183.3960, 35.6170, 42.8570

Conversions

Conversions Part 2

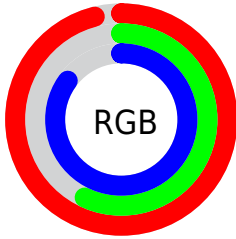
Format	Color
RYB	244, 146, 217
Decimal	16028377
CIELab	72.76, 46.60, -20.50
CIELCh	73, 50.905, 336.254
Yxy	44.8006, 0.3415, 0.2545
Android (android.graphics.Color)	4294218457 (0xFFFF492D9)
YUV	183.3960, 16.5668, 53.1497
Hunter-Lab	66.9333, 43.1743, -16.1496

Details

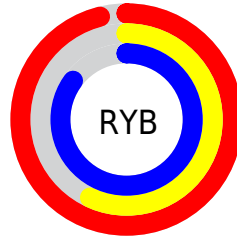
The XYZ color **60.1115, 44.8006, 71.1248** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **51.7495, 73.8309, 51.0615**, and the grayscale version is **45.1265, 47.4766, 51.7020**.

A 20% lighter version of the original color is **80.4105, 70.7211, 104.0202**, and **30.6856, 20.8764, 36.5947** is the 20% darker color. If you saturate the color by 10%, you get **55.8874, 37.7227, 65.4902**, and if you desaturate by 10%, it is **65.1766, 53.5020, 77.2165**.

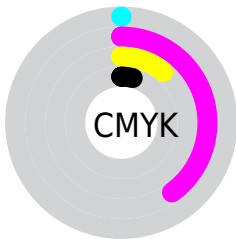
Distribution



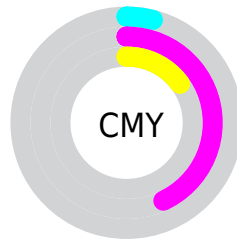
- Red (96%)
- Green (57%)
- Blue (85%)



- Red (96%)
- Yellow (57%)
- Blue (85%)



- Cyan (0%)
- Magenta (40%)
- Yellow (11%)
- Black (4%)





- Cyan (4%)
- Magenta (43%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.1115, 44.8006, 71.1248 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 60.1115, 44.8006, 71.1248 by changing the saturation by 10% instead.


 60.1115, 44.8006,
71.1248


 60.1115, 44.8006,
71.1248


414.8368,
365.9654, 483.3850

 43.7583, 31.3004,
51.9616


 104.0968, 82.4211,
122.5075

 30.6776, 20.8277,
36.5924


 132.4597,
107.3102, 155.5641

 20.5041, 12.9981,
24.5988


165.5564,
136.7644, 194.0889

 12.8724, 7.4272,
15.5621

203.7525,
171.1680, 238.5005

 7.4171, 3.7307,
9.0638

247.4132,
210.9056, 289.2173

 3.7730, 1.5241,
4.6855

296.9039,

 1.5745, 0.3056,

256.3614, 346.6580

2.0084

352.5900,
307.9199, 411.2410

■ 0.3757, 0.0000,
0.5605

■ 0.0000, 0.0000,
0.0000

■ 60.1115, 44.8006,
71.1248

■ 60.1115, 44.8006,
71.1248

■ 55.8874, 37.7227,
65.4902

■ 65.1766, 53.5020,
77.2165

■ 52.4481, 32.1590,
60.2904

■ 71.1260, 63.9150,
83.7802

■ 49.7372, 27.9964,
55.5050

■ 78.0048, 76.1283,
90.8336

■ 47.6884, 25.1030,
51.1098

■ 85.8537, 90.2231,
98.3921

■ 46.2229, 23.3218,
47.0763

■ 90.4206, 97.6941,
105.0402

■ 45.2217, 22.3985,
43.4161

■ 91.1186, 97.9733,
108.7160

Harmonies

Analogous

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



53.4448, 44.8006, 99.5055



60.1115, 44.8006, 71.1248



61.8108, 44.8006, 43.6671

Triad

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



60.1115, 44.8006, 71.1248



40.7567, 44.8006, 14.6282



30.2932, 44.8006, 83.6011

Complementary

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



60.1115, 44.8006, 71.1248



51.7495, 73.8309, 51.0615

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.



27.8219, 44.8006, 54.2778



60.1115, 44.8006, 71.1248



33.3002, 44.8006, 19.1140

Square

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



60.1115, 44.8006, 71.1248



49.7993, 44.8006, 16.4127



28.8414, 44.8006, 31.6868



36.0974, 44.8006, 108.2811

Rectangle

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



60.1115, 44.8006, 71.1248



59.7166, 44.8006, 30.2602



28.8414, 44.8006, 31.6868



29.0846, 44.8006, 73.6372

Sweetspot

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



60.1129, 44.8027, 71.1257



84.7253, 81.4754, 98.9081



43.6526, 35.8776, 90.2131



17.9143, 17.0466, 20.9481



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.



60.1129, 44.8027, 71.1257



62.6608, 43.1609, 73.6276



54.7377, 42.6526, 42.8206



17.0074, 16.6858, 19.7857



24.6495, 12.2033, 23.9266



2.2097, 1.0898, 2.3307

Inverse Universe

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



60.1129, 44.8027, 71.1257



62.6608, 43.1609, 73.6276



57.2753, 76.0412, 80.1600



17.0074, 16.6858, 19.7857



24.6495, 12.2033, 23.9266



2.2097, 1.0898, 2.3307

Previews

White Background



This preview shows how the XYZ color 60.1115, 44.8006, 71.1248 looks on a white background.

Color Contrast Check

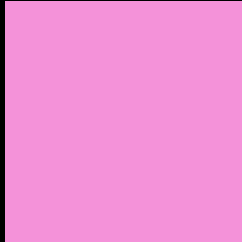
Large Text (above 18pt) WCAG AA × Fail

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 60.1115, 44.8006, 71.1248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

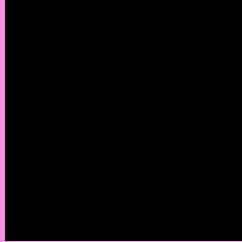
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.1115, 44.8006, 71.1248

Background



This preview shows how black text looks on a background with the XYZ color 60.1115, 44.8006, 71.1248.



This preview shows how white text looks on a background with the XYZ color 60.1115, 44.8006,

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

60.1115, 44.8006, 71.1248

Protanopia

46.2024, 45.3577, 87.9811

Deuteranopia

46.0360, 45.1167, 68.5694



Tritanopia

54.2162, 44.7812, 42.8319

Trichromacy



Original Color

60.1115, 44.8006, 71.1248



Protanomaly

49.7983, 44.2484, 81.5175



Deuteranomaly

50.0417, 44.1025, 69.4935



Tritanomaly

56.0263, 44.5269, 52.0960

Monochromacy



Original Color

60.1115, 44.8006, 71.1248



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

49.4019, 45.6687, 57.8409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1115, 44.8006, 71.1248 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, 146, 217)` looks like.

```
.text, #text, p{  
    color:rgb(244, 146, 217)  
}
```

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, 146, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 146, 217) }
```

Border

The CSS property to change the border of an element to XYZ 60.1115, 44.8006, 71.1248 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, 146, 217) }
```


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

```
.border{ border-color:rgb(244, 146, 217) }
```

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

Here you see how a box with a 4 pixel rgb(244, 146, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 146, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 146, 217);  
box-shadow:4px 4px 4px 4px rgb(244, 146,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1115, 44.8006, 71.1248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 146, 217) }
```

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

```
.background{ background-color: rgb(244,  
146, 217) }
```

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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