

Converting Colors

XYZ(60.3522, 41.8423, 67.2212)

Have a look what the booklet for
XYZ(60.3522, 41.8423, 67.2212)
contains.

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Color

**XYZ(60.1448, 41.6815,
67.1627)**

Conversions

Conversions Part 1

Format	Color
Hex	FC83D4
RGB	252, 131, 212
RGB Percent	99%, 51%, 83%
CMY	0.0118, 0.4862, 0.1686
CMYK	0.00, 0.48, 0.16, 0.01
HSL	320°, 95%, 75%
HSV	320°, 48%, 99%
XYZ	60.1448, 41.6815, 67.1627
YIQ	176.4130, 46.1150, 50.8430

Conversions

Conversions Part 2

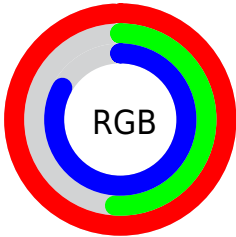
Format	Color
R _{YB}	252, 131, 212
Decimal	16548820
CIE Lab	70.65, 55.77, -20.85
CIE LCh	71, 59.539, 339.499
Yxy	41.6815, 0.3559, 0.2467
Android (android.graphics.Color)	4294738900 (0xFFFC83D4)
YUV	176.4130, 17.5444, 66.2898
Hunter-Lab	64.5612, 53.3073, -16.4862

Details

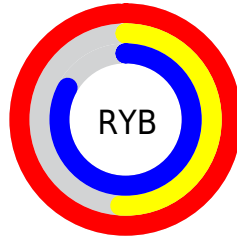
The XYZ color **60.1448, 41.6815, 67.1627** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **51.5230, 77.3876, 50.7531**, and the grayscale version is **41.3781, 43.5329, 47.4074**.

A 20% lighter version of the original color is **77.0603, 64.0206, 102.9034**, and **30.6626, 18.9407, 33.9381** is the 20% darker color. If you saturate the color by 10%, you get **56.1388, 35.3076, 60.7755**, and if you desaturate by 10%, it is **65.0306, 49.7269, 74.1115**.

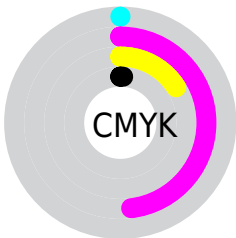
Distribution



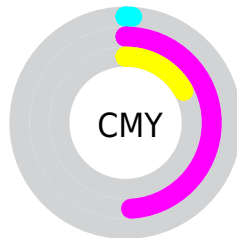
- Red (99%)
- Green (51%)
- Blue (83%)



- Red (99%)
- Yellow (51%)
- Blue (83%)



- Cyan (0%)
- Magenta (48%)
- Yellow (16%)
- Black (1%)




- Cyan (1%)
- Magenta (49%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.1448, 41.6815, 67.1627 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 60.1448, 41.6815, 67.1627 by changing the saturation by 10% instead.


 60.1448, 41.6815,
67.1627


 60.1448, 41.6815,
67.1627


414.9575,
353.1609, 469.0409


 43.7853, 28.8520,
48.7544

 104.1448, 77.7174,
116.7964

 30.6989, 18.9689,
34.0605


 132.5161,
101.6925, 148.8589

 20.5204, 11.6478,
22.6623


 165.6219,
130.1516, 186.3098

 12.8843, 6.5043,
14.1414

203.8277,
163.4791, 229.5678

 7.4254, 3.1541,
8.0792

247.4987,
202.0594, 279.0514

 3.7782, 1.2127,
4.0572

297.0005,

 1.5774, 0.0720,

246.2769, 335.1791

1.6568

352.6983,
296.5159, 398.3694

■ 0.3776, 0.0000,
0.3309

■ 0.0000, 0.0000,
0.0000

■ 60.1448, 41.6815,
67.1627

■ 60.1448, 41.6815,
67.1627

■ 56.1388, 35.3076,
60.7755

■ 65.0306, 49.7269,
74.1115

■ 52.9471, 30.4776,
54.9230

■ 70.8477, 59.5473,
81.6418

■ 50.5012, 27.0549,
49.5785

■ 77.6480, 71.2450,
89.7752

■ 48.7187, 24.8762,
44.7105

■ 85.4785, 84.9126,
98.5309

■ 47.4879, 23.7196,
40.2774

■ 93.7394, 99.3493,
107.7129

■ 47.2775, 23.5485,
39.4376

■ 93.9551, 99.4356,
108.8488

Harmonies

Analogous

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



52.9312, 41.6815, 101.4480



60.1448, 41.6815, 67.1627



61.3952, 41.6815, 37.0053

Triad

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



60.1448, 41.6815, 67.1627



36.5718, 41.6815, 10.1470



26.7222, 41.6815, 89.3851

Complementary

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



60.1448, 41.6815, 67.1627



51.5230, 77.3876, 50.7531

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.



23.7147, 41.6815, 54.9407



60.1448, 41.6815, 67.1627



28.7467, 41.6815, 15.0707

Square

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



60.1448, 41.6815, 67.1627



46.6296, 41.6815, 11.1715



24.3887, 41.6815, 28.9100



33.3453, 41.6815, 117.5401

Rectangle

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



60.1448, 41.6815, 67.1627



58.5006, 41.6815, 23.5660



24.3887, 41.6815, 28.9100



25.3092, 41.6815, 77.6885

Sweetspot

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



60.1461, 41.6835, 67.1635



82.8574, 78.5627, 95.7478



42.1192, 31.7333, 96.0012



17.3736, 16.1867, 20.0845



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.



60.1461, 41.6835, 67.1635



57.6615, 36.2576, 62.4188



54.0277, 39.2361, 34.9446



17.7348, 17.4213, 20.4590



24.6983, 12.2950, 20.9175



2.3365, 1.1583, 2.1953

Inverse Universe

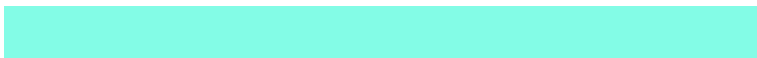
The Inverse Universe completely reimagines the original color for something new.



60.1461, 41.6835, 67.1635



57.6615, 36.2576, 62.4188



58.4292, 80.1500, 87.1203



17.7348, 17.4213, 20.4590



24.6983, 12.2950, 20.9175



2.3365, 1.1583, 2.1953

Previews

White Background



This preview shows how the XYZ color 60.1448, 41.6815, 67.1627 looks on a white background.

Color Contrast Check

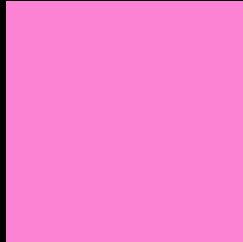
Large Text (above 18pt) WCAG AA × Fail

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 60.1448, 41.6815, 67.1627 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 60.1448, 41.6815, 67.1627

Background



This preview shows how black text looks on a background with the XYZ color 60.1448, 41.6815, 67.1627.



This preview shows how white text looks on a background with the XYZ color 60.1448, 41.6815,

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

60.1448, 41.6815, 67.1627

Protanopia

43.3890, 42.1521, 89.0684

Deuteranopia

42.6630, 41.7824, 63.5738



Tritanopia

53.6612, 41.5708, 35.7676

Trichromacy



Original Color

60.1448, 41.6815, 67.1627



Protanomaly

46.9104, 40.1815, 80.1463



Deuteranomaly

47.4636, 40.5533, 65.0005



Tritanomaly

55.6819, 41.5168, 45.6362

Monochromacy



Original Color

60.1448, 41.6815, 67.1627



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

46.6580, 41.6531, 53.7248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1448, 41.6815, 67.1627 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(252, 131, 212)` looks like.

```
.text, #text, p{  
    color:rgb(252, 131, 212)  
}
```

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(252, 131, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 131, 212) }
```

Border

The CSS property to change the border of an element to XYZ 60.1448, 41.6815, 67.1627 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(252, 131, 212) }
```


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

```
.border{ border-color:rgb(252, 131, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 131, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 131, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 131, 212);  
box-shadow:4px 4px 4px 4px rgb(252, 131,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1448, 41.6815, 67.1627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 131, 212) }
```

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

```
.background{ background-color: rgb(252,  
131, 212) }
```

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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