

Converting Colors

XYZ(66.9604, 60.8795, 69.7334)

Have a look what the booklet for
XYZ(66.9604, 60.8795, 69.7334)
contains.

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Color

**XYZ(67.0066, 60.8420,
69.8401)**

Conversions

Conversions Part 1

Format	Color
Hex	F2BFD3
RGB	242, 191, 211
RGB Percent	95%, 75%, 83%
CMY	0.0510, 0.2510, 0.1725
CMYK	0.00, 0.21, 0.13, 0.05
HSL	336°, 66%, 85%
HSV	336°, 21%, 95%
XYZ	67.0066, 60.8420, 69.8401
YIQ	208.5290, 23.9760, 17.0320

Conversions

Conversions Part 2

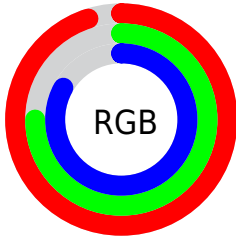
Format	Color
R_{YB}	242, 191, 211
Decimal	15908819
CIE _{Lab}	82.29, 21.32, -3.01
CIE _{LCh}	82, 21.535, 351.964
Yxy	60.8420, 0.3390, 0.3078
Android (android.graphics.Color)	4294098899 (0xFFFF2BFD3)
YUV	208.5290, 1.2182, 29.3541
Hunter-Lab	78.0013, 16.8373, 1.5143

Details

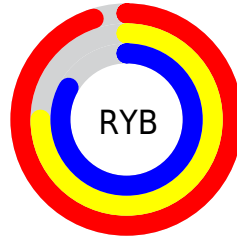
The XYZ color **67.0066, 60.8420, 69.8401** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.4252, 79.8561, 81.0237**, and the grayscale version is **60.2805, 63.4198, 69.0641**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **35.0390, 30.6399, 35.9656** is the 20% darker color. If you saturate the color by 10%, you get **60.3983, 50.4424, 58.9510**, and if you desaturate by 10%, it is **74.6591, 73.0584, 81.9115**.

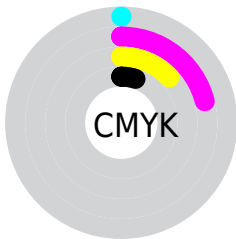
Distribution



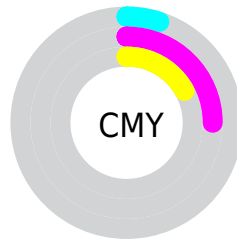
- Red (95%)
- Green (75%)
- Blue (83%)



- Red (95%)
- Yellow (75%)
- Blue (83%)



- Cyan (0%)
- Magenta (21%)
- Yellow (13%)
- Black (5%)





- Cyan (5%)
- Magenta (25%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.0066, 60.8420, 69.8401 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 67.0066, 60.8420, 69.8401 by changing the saturation by 10% instead.


 67.0066, 60.8420,
69.8401

 67.0066, 60.8420,
69.8401


439.4004,
427.6944, 478.7623

 49.3607, 44.0977,
50.9202

 113.9796,
106.0501, 120.6597

 35.1214, 30.7473,
35.7688


144.0374,
135.2827, 153.3964

 23.9234, 20.4065,
23.9674


178.9633,
169.4469, 191.5759

 15.4012, 12.6909,
15.0975

219.1225,
208.9269, 235.6165

 9.1896, 7.2160,
8.7404

264.8805,
254.1073, 285.9370

 4.9232, 3.5976,
4.4778

316.6026,

 2.2365, 1.4511,

305.3724, 342.9557

1.8909

374.6541,
363.1067, 407.0913

0.7619, 0.2539,
0.4870

0.0000, 0.0000,
0.0000

67.0066, 60.8420,
69.8401

67.0066, 60.8420,
69.8401

60.3983, 50.4424,
58.9510

74.6591, 73.0584,
81.9115

54.7817, 41.7641,
49.2023

83.3949, 87.1648,
95.1974

50.1074, 34.7151,
40.5551

90.4282, 97.6174,
108.6837

46.3196, 29.1915,
32.9665

■ 43.3562, 25.0774,
26.3903

■ 41.1462, 22.2396,
20.7761

■ 39.6057, 20.5195,
16.0672

■ 38.6788, 19.7016,
12.5645

Harmonies

Analogous

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



65.0554, 60.8420, 83.0570



67.0066, 60.8420, 69.8401



66.3979, 60.8420, 57.2429

Triad

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



67.0066, 60.8420, 69.8401



54.5927, 60.8420, 45.4774



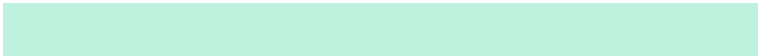
52.5637, 60.8420, 88.1941

Complementary

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



67.0066, 60.8420, 69.8401



66.4252, 79.8561, 81.0237

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.



50.0300, 60.8420, 76.1481



67.0066, 60.8420, 69.8401



51.1577, 60.8420, 51.8728

Square

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



67.0066, 60.8420, 69.8401



59.0700, 60.8420, 44.2551



49.5293, 60.8420, 62.7785



56.6045, 60.8420, 94.5306

Rectangle

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



67.0066, 60.8420, 69.8401



64.6361, 60.8420, 50.7545



49.5293, 60.8420, 62.7785



51.5165, 60.8420, 84.6082

Sweetspot

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



67.0083, 60.8447, 69.8414



88.9003, 90.0390, 99.6407



64.6619, 59.1419, 92.0125



18.8909, 19.0502, 21.1180



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.



67.0083, 60.8447, 69.8414



72.3520, 63.6014, 73.5961



65.7865, 62.1666, 57.8256



16.0294, 15.8615, 17.7112



20.8409, 10.6088, 7.0786



1.7813, 0.9016, 0.8390

Inverse Universe

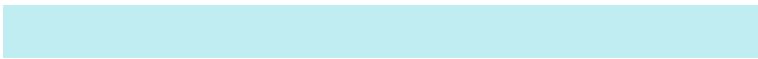
The Inverse Universe completely reimagines the original color for something new.



67.0083, 60.8447, 69.8414



72.3520, 63.6014, 73.5961



67.7701, 77.9992, 95.4885



16.0294, 15.8615, 17.7112



20.8409, 10.6088, 7.0786



1.7813, 0.9016, 0.8390

Previews

White Background



This preview shows how the XYZ color 67.0066, 60.8420, 69.8401 looks on a white background.

Color Contrast Check

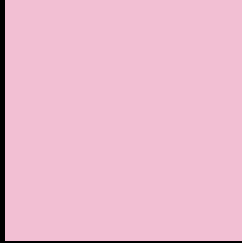
Large Text (above 18pt) WCAG AA × Fail

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 67.0066, 60.8420, 69.8401 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 67.0066, 60.8420, 69.8401

Background



This preview shows how black text looks on a background with the XYZ color 67.0066, 60.8420, 69.8401.



This preview shows how white text looks on a background with the XYZ color 67.0066, 60.8420, 69.8401.

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

67.0066, 60.8420, 69.8401

Protanopia

59.5559, 61.2793, 75.7070

Deuteranopia

62.4877, 61.1880, 69.4898



Tritanopia

66.3877, 60.9050, 67.2883

Trichromacy



Original Color

67.0066, 60.8420, 69.8401

Protanomaly

61.7315, 60.7101, 73.4304

Deuteranomaly

64.0059, 60.9560, 69.3650

Tritanomaly

66.5104, 60.9541, 67.9343

Monochromacy



Original Color

67.0066, 60.8420, 69.8401

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.5722, 62.2664, 69.6935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0066, 60.8420, 69.8401 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, 191, 211)` looks like.

```
.text, #text, p{  
    color:rgb(242, 191, 211)  
}
```

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, 191, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 191, 211) }
```

Border

The CSS property to change the border of an element to XYZ 67.0066, 60.8420, 69.8401 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, 191, 211) }
```


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

```
.border{ border-color:rgb(242, 191, 211) }
```

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

Here you see how a box with a 4 pixel rgb(242, 191, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 191, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 191, 211);  
box-shadow:4px 4px 4px 4px rgb(242, 191,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0066, 60.8420, 69.8401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 191, 211) }
```

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

```
.background{ background-color: rgb(242,  
191, 211) }
```

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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