

Converting Colors

XYZ(63.4991, 48.7913, 67.0437)

Have a look what the booklet for
XYZ(63.4991, 48.7913, 67.0437)
contains.

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Color

**XYZ(63.4991, 48.7913,
67.0437)**

Conversions

Conversions Part 1

Format	Color
Hex	FC9BD2
RGB	252, 155, 210
RGB Percent	99%, 61%, 82%
CMY	0.0118, 0.3921, 0.1765
CMYK	0.00, 0.38, 0.17, 0.01
HSL	326°, 94%, 80%
HSV	326°, 38%, 99%
XYZ	63.4991, 48.7913, 67.0437
YIQ	190.2730, 40.1570, 37.6690

Conversions

Conversions Part 2

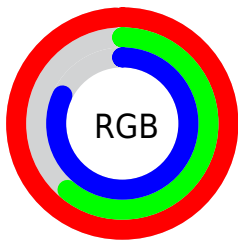
Format	Color
R _Y B	252, 155, 210
Decimal	16554962
CIE Lab	75.32, 43.47, -12.70
CIE LCh	75, 45.289, 343.717
Yxy	48.7913, 0.3541, 0.2721
Android (android.graphics.Color)	4294745042 (0xFFFC9BD2)
YUV	190.2730, 9.7254, 54.1346
Hunter-Lab	69.8508, 40.0298, -8.0118

Details

The XYZ color **63.4991, 48.7913, 67.0437** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.4082, 80.6220, 65.3101**, and the grayscale version is **49.0317, 51.5851, 56.1762**.

A 20% lighter version of the original color is **82.5843, 75.0685, 104.7448**, and **32.9159, 23.3386, 33.7803** is the 20% darker color. If you saturate the color by 10%, you get **58.4212, 40.7370, 58.8710**, and if you desaturate by 10%, it is **69.5477, 58.6373, 75.9984**.

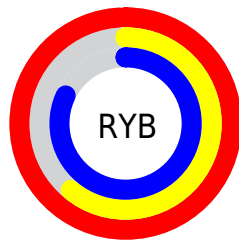
Distribution



Red (99%)

Green (61%)

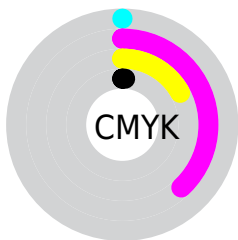
Blue (82%)



Red (99%)

Yellow (61%)

Blue (82%)

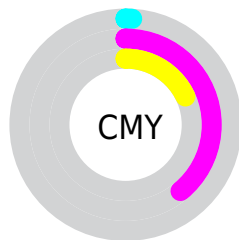


Cyan (0%)

Magenta (38%)

Yellow (17%)

Black (1%)



Cyan (1%)


Magenta (39%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.4991, 48.7913, 67.0437 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 63.4991, 48.7913, 67.0437 by changing the saturation by 10% instead.


 63.4991, 48.7913,
67.0437


 63.4991, 48.7913,
67.0437


427.0095,
381.9201, 468.6060

 46.5053, 34.4540,
48.6583

 108.9670, 88.3814,
116.6243

 32.8510, 23.2426,
33.9848


 138.1718,
114.4030, 148.6565

 22.1710, 14.7727,
22.6047


172.1776,
145.0880, 186.0749

 14.0999, 8.6600,
14.0993

211.3498,
180.8210, 229.2978

 8.2724, 4.5201,
8.0502

256.0537,
221.9864, 278.7438

 4.3230, 1.9685,
4.0389

306.6548,

 1.8864, 0.5891,

268.9684, 334.8315

1.6467

363.5182,
322.1515, 397.9794

■ 0.5689, 0.0000,
0.3238

■ 0.0000, 0.0000,
0.0000

■ 63.4991, 48.7913,
67.0437

■ 63.4991, 48.7913,
67.0437

■ 58.4212, 40.7370,
58.8710

■ 69.5477, 58.6373,
75.9984

■ 54.2529, 34.3572,
51.4493

■ 76.6145, 70.3692,
85.7582

■ 50.9328, 29.5312,
44.7493

■ 84.7490, 84.0826,
96.3486

■ 48.3893, 26.1193,
38.7377

■ 93.7383, 99.3489,
107.7070

■ 46.5382, 23.9560, 93.9552, 99.4356,
33.3762 108.8488

■ 45.2611, 22.8081,
28.6151

■ 45.0941, 22.6752,
27.9395

Harmonies

Analogous

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



58.3400, 48.7913, 93.6250



63.4991, 48.7913, 67.0437



63.7282, 48.7913, 42.9795

Triad

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



63.4991, 48.7913, 67.0437



42.6816, 48.7913, 19.8755



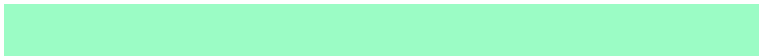
35.7407, 48.7913, 91.5227

Complementary

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



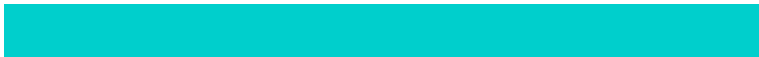
63.4991, 48.7913, 67.0437



58.4082, 80.6220, 65.3101

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.



32.4975, 48.7913, 64.7542



63.4991, 48.7913, 67.0437



36.1686, 48.7913, 26.4027

Square

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



63.4991, 48.7913, 67.0437



51.0092, 48.7913, 20.1527



32.6441, 48.7913, 41.2805



42.0297, 48.7913, 110.3976

Rectangle

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



63.4991, 48.7913, 67.0437



61.0041, 48.7913, 31.5252



32.6441, 48.7913, 41.2805



34.2937, 48.7913, 82.8517

Sweetspot

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



63.5005, 48.7936, 67.0447



83.9927, 81.1824, 95.0504



51.9077, 42.1313, 97.4924



17.7416, 16.9775, 20.0383



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.



63.5005, 48.7936, 67.0447



61.2095, 43.7206, 62.4703



58.4864, 46.7879, 40.6407



17.6569, 17.3901, 20.0491



23.5653, 11.8418, 14.9510



2.2357, 1.1180, 1.6648

Inverse Universe

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



63.5005, 48.7936, 67.0447



61.2095, 43.7206, 62.4703



64.6461, 83.1171, 98.1586



17.6569, 17.3901, 20.0491



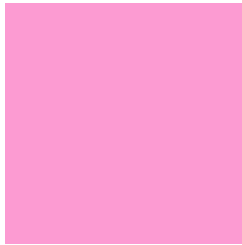
23.5653, 11.8418, 14.9510



2.2357, 1.1180, 1.6648

Previews

White Background



This preview shows how the XYZ color 63.4991, 48.7913, 67.0437 looks on a white background.

Color Contrast Check

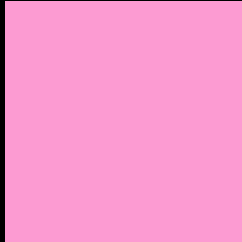
Large Text (above 18pt) WCAG AA × Fail

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 63.4991, 48.7913, 67.0437 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 63.4991, 48.7913, 67.0437

Background



This preview shows how black text looks on a background with the XYZ color 63.4991, 48.7913, 67.0437.



This preview shows how white text looks on a background with the XYZ color 63.4991, 48.7913,

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

63.4991, 48.7913, 67.0437

Protanopia

48.9625, 49.0521, 81.0161

Deuteranopia

50.0490, 49.0576, 64.5888



Tritanopia

59.2717, 48.8531, 46.3500

Trichromacy



Original Color

63.4991, 48.7913, 67.0437



Protanomaly

52.7570, 47.8576, 75.5641



Deuteranomaly

54.3339, 48.6090, 65.5502



Tritanomaly

60.4347, 48.5239, 53.1945

Monochromacy



Original Color

63.4991, 48.7913, 67.0437



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

53.2408, 49.6216, 59.5952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4991, 48.7913, 67.0437 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, 155, 210)` looks like.

```
.text, #text, p{  
    color:rgb(252, 155, 210)  
}
```

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, 155, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 155, 210) }
```

Border

The CSS property to change the border of an element to XYZ 63.4991, 48.7913, 67.0437 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, 155, 210) }
```


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

```
.border{ border-color:rgb(252, 155, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 155, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 155, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 155, 210);  
box-shadow:4px 4px 4px 4px rgb(252, 155,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4991, 48.7913, 67.0437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 155, 210) }
```

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

```
.background{ background-color: rgb(252,  
155, 210) }
```

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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