

Converting Colors

XYZ(82.3236, 58.5069, 61.7163)

Have a look what the booklet for
XYZ(82.3236, 58.5069, 61.7163)
contains.

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Color

**XYZ(63.2209, 48.5413,
60.6809)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9AC8
RGB	255, 154, 200
RGB Percent	100%, 60%, 78%
CMY	0.0000, 0.3961, 0.2157
CMYK	0.00, 0.40, 0.22, 0.00
HSL	333°, 100%, 80%
HSV	333°, 40%, 100%
XYZ	63.2209, 48.5413, 60.6809
YIQ	189.4430, 45.4300, 35.7180

Conversions

Conversions Part 2

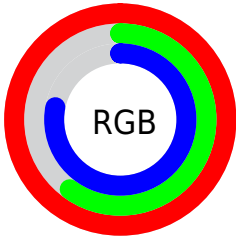
Format	Color
R_{YB}	255, 154, 200
Decimal	16751304
CIE _{Lab}	75.17, 43.51, -7.41
CIE _{LCh}	75, 44.132, 350.340
Yxy	48.5413, 0.3666, 0.2815
Android (android.graphics.Color)	4294941384 (0xFFFF9AC8)
YUV	189.4430, 5.2046, 57.4935
Hunter-Lab	69.6716, 40.0479, -2.8689

Details

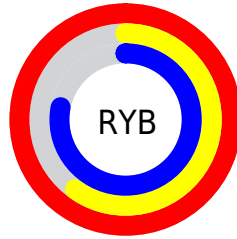
The XYZ color **63.2209, 48.5413, 60.6809** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.5970, 82.9944, 73.1509**, and the grayscale version is **48.5775, 51.1073, 55.6559**.

A 20% lighter version of the original color is **82.3366, 74.5732, 104.6622**, and **32.6069, 23.1184, 29.9379** is the 20% darker color. If you saturate the color by 10%, you get **57.9005, 40.3808, 51.2607**, and if you desaturate by 10%, it is **69.5851, 58.5529, 71.1775**.

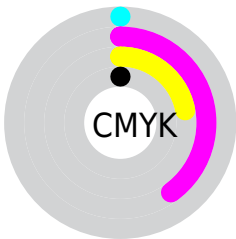
Distribution



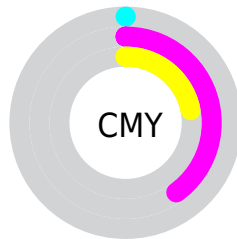
- Red (100%)
- Green (60%)
- Blue (78%)



- Red (100%)
- Yellow (60%)
- Blue (78%)



- Cyan (0%)
- Magenta (40%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.2209, 48.5413, 60.6809 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 63.2209, 48.5413, 60.6809 by changing the saturation by 10% instead.


 63.2209, 48.5413,
60.6809


 63.2209, 48.5413,
60.6809


426.0177,
380.9337, 444.9771

 46.2793, 34.2558,
43.5388


 108.5682, 88.0098,
107.3698

 32.6718, 23.0901,
29.9736

 137.7045,
113.9615, 137.7537

 22.0332, 14.6601,
19.5666


171.6364,
144.5708, 173.3886

 13.9980, 8.5812,
11.8995

210.7293,
180.2220, 214.6930

 8.2010, 4.4690,
6.5536

255.3486,
221.2995, 262.0856

 4.2767, 1.9392,
3.1103

305.8594,

 1.8598, 0.5718,

268.1876, 315.9847

1.1512

362.6274,
321.2709, 376.8091

■ 0.5533, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.2209, 48.5413,
60.6809

■ 63.2209, 48.5413,
60.6809

■ 57.9005, 40.3808,
51.2607

■ 69.5851, 58.5529,
71.1775

■ 53.5592, 33.9491,
42.8743

■ 77.0452, 70.5147,
82.7848

■ 50.1304, 29.1193,
35.4801

■ 85.6541, 84.5264,
95.5387

■ 47.5371, 25.7441,
29.0314

95.0500, 100.0000,
108.9000

■ 45.6882, 23.6484,
23.4758

■ 44.4430, 22.5587,
18.7431

■ 44.4001, 22.5240,
18.5708

Harmonies

Analogous

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



59.1688, 48.5413, 86.6626



63.2209, 48.5413, 60.6809



62.3015, 48.5413, 38.8396

Triad

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



63.2209, 48.5413, 60.6809



40.9419, 48.5413, 21.1350



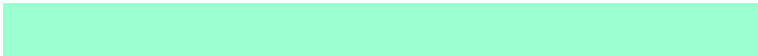
36.9100, 48.5413, 95.0686

Complementary

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



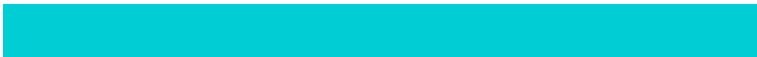
63.2209, 48.5413, 60.6809



60.5970, 82.9944, 73.1509

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.



33.0425, 48.5413, 69.8874



63.2209, 48.5413, 60.6809



35.1747, 48.5413, 29.2272

Square

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



63.2209, 48.5413, 60.6809



48.7949, 48.5413, 19.9921



32.4466, 48.5413, 45.7294



43.5775, 48.5413, 110.0104

Rectangle

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



63.2209, 48.5413, 60.6809



59.0288, 48.5413, 28.9551



32.4466, 48.5413, 45.7294



35.2738, 48.5413, 87.2271

Sweetspot

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



63.2221, 48.5435, 60.6819



83.4853, 80.9794, 92.3783



55.5825, 43.7243, 100.1179



17.6222, 16.9298, 19.4098



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.



63.2221, 48.5435, 60.6819



58.6871, 41.5714, 52.7023



59.1934, 47.8336, 36.6876



18.3534, 18.1247, 20.4780



23.2731, 11.7986, 10.0888



2.3203, 1.1705, 1.2682

Inverse Universe

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



63.2221, 48.5435, 60.6819



58.6871, 41.5714, 52.7023



66.0731, 83.4815, 107.2389



18.3534, 18.1247, 20.4780



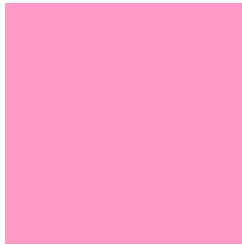
23.2731, 11.7986, 10.0888



2.3203, 1.1705, 1.2682

Previews

White Background



This preview shows how the XYZ color 63.2209, 48.5413, 60.6809 looks on a white background.

Color Contrast Check

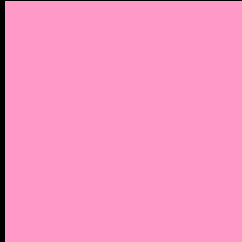
Large Text (above 18pt) WCAG AA × Fail

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 63.2209, 48.5413, 60.6809 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 63.2209, 48.5413, 60.6809

Background



This preview shows how black text looks on a background with the XYZ color 63.2209, 48.5413, 60.6809.



This preview shows how white text looks on a background with the XYZ color 63.2209, 48.5413,

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

63.2209, 48.5413, 60.6809

Protanopia

48.5171, 48.9792, 73.9146

Deuteranopia

49.7248, 48.7248, 58.4138



Tritanopia

59.8937, 48.4320, 44.7196

Trichromacy



Original Color

63.2209, 48.5413, 60.6809



Protanomaly

52.5594, 47.9060, 68.7640



Deuteranomaly

53.8544, 48.2171, 59.2917



Tritanomaly

61.0085, 48.3740, 50.3776

Monochromacy



Original Color

63.2209, 48.5413, 60.6809



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

52.5915, 49.0471, 57.1472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2209, 48.5413, 60.6809 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(255, 154, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 200)  
}
```

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(255, 154, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 200) }
```

Border

The CSS property to change the border of an element to XYZ 63.2209, 48.5413, 60.6809 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(255, 154, 200) }
```


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

```
.border{ border-color:rgb(255, 154, 200) }
```

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

Here you see how a box with a 4 pixel rgb(255, 154, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 154, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 154, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 154,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2209, 48.5413, 60.6809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 154, 200) }
```

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

```
.background{ background-color: rgb(255,  
154, 200) }
```

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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