

Converting Colors

XYZ(102.6969, 78.4833,
51.8993)

Have a look what the booklet for
XYZ(102.6969, 78.4833, 51.8993)
contains.

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Color

**XYZ(67.0462, 60.0150,
50.1698)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBBB2
RGB	255, 187, 178
RGB Percent	100%, 73%, 70%
CMY	0.0000, 0.2666, 0.3020
CMYK	0.00, 0.27, 0.30, 0.00
HSL	7°, 100%, 85%
HSV	7°, 30%, 100%
XYZ	67.0462, 60.0150, 50.1698
YIQ	206.3060, 43.4170, 11.6170

Conversions

Conversions Part 2

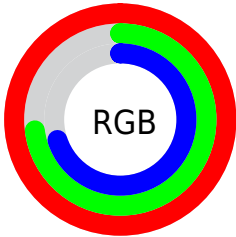
Format	Color
R _Y B	255, 188, 178
Decimal	16759730
CIE Lab	81.85, 23.34, 14.23
CIE LCh	82, 27.333, 31.363
Yxy	60.0150, 0.3783, 0.3386
Android (android.graphics.Color)	4294949810 (0xFFFFBBB2)
YUV	206.3060, -13.9549, 42.7046
Hunter-Lab	77.4693, 18.9123, 15.8318

Details

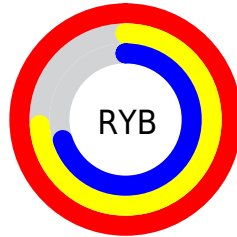
The XYZ color **67.0462, 60.0150, 50.1698** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.3646, 82.5936, 106.8940**, and the grayscale version is **58.9307, 61.9997, 67.5177**.

A 20% lighter version of the original color is **88.1419, 91.3017, 90.8193**, and **35.1152, 30.1260, 23.3662** is the 20% darker color. If you saturate the color by 10%, you get **60.3117, 50.2696, 36.4458**, and if you desaturate by 10%, it is **75.0086, 71.4543, 66.6524**.

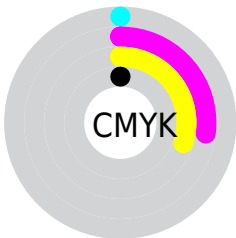
Distribution



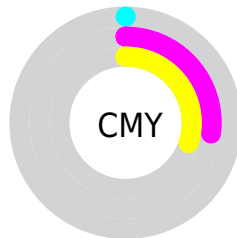
- Red (100%)
- Green (73%)
- Blue (70%)



- Red (100%)
- Yellow (74%)
- Blue (70%)



- Cyan (0%)
- Magenta (27%)
- Yellow (30%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.0462, 60.0150, 50.1698 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 67.0462, 60.0150, 50.1698 by changing the saturation by 10% instead.


 67.0462, 60.0150,
50.1698

 67.0462, 60.0150,
50.1698


439.5391,
424.6531, 404.0837

 49.3930, 43.4307,
35.1762


 114.0360,
104.8514, 91.8253

 35.1472, 30.2232,
23.5140

144.1034,
133.8724, 119.3243

 23.9433, 20.0081,
14.7646


179.0395,
167.8077, 151.8288

 15.4161, 12.4009,
8.5096

219.2098,
207.0417, 189.7575

 9.2001, 7.0173,
4.3303

264.9795,
251.9588, 233.5287

 4.9301, 3.4729,
1.8082


316.7141,


 2.2406, 1.3833,


302.9435, 283.5611


0.4334


374.7788,
360.3801, 340.2733


 0.7640, 0.2044,
0.0000


 0.0000, 0.0000,
0.0000


 67.0462, 60.0150,
50.1698


 67.0462, 60.0150,
50.1698

 60.3117, 50.2696,
36.4458


 75.0086, 71.4543,
66.6524

 54.7395, 42.1297,
25.3259

 84.2515, 84.6541,
86.0291

 50.2645, 35.5112,
16.6462

94.8295, 99.6873,
108.4310

 46.8133, 30.3193,
10.2226

95.0500, 100.0000,
108.9000

■ 44.3034, 26.4482,
5.8446

■ 42.6390, 23.7773,
3.2619

■ 41.6998, 22.1796,
2.0833

Harmonies

Analogous

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



68.8637, 60.0150, 64.5933



67.0462, 60.0150, 50.1698



62.5244, 60.0150, 41.2453

Triad

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



67.0462, 60.0150, 50.1698



47.8517, 60.0150, 51.2753



57.3067, 60.0150, 102.5205

Complementary

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



67.0462, 60.0150, 50.1698



69.3646, 82.5936, 106.8940

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.



51.8907, 60.0150, 97.3753



67.0462, 60.0150, 50.1698



46.6579, 60.0150, 66.1047

Square

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



67.0462, 60.0150, 50.1698



51.4628, 60.0150, 41.8039



48.0868, 60.0150, 83.3105



63.0115, 60.0150, 96.3928

Rectangle

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



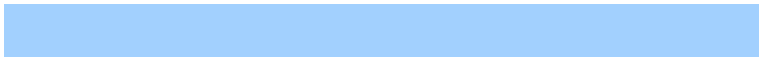
67.0462, 60.0150, 50.1698



58.7242, 60.0150, 38.7055



48.0868, 60.0150, 83.3105



55.3932, 60.0150, 102.0471

Sweetspot

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



67.0477, 60.0178, 50.1710



85.4448, 86.3535, 88.5456



73.7978, 59.7562, 94.8469



17.9784, 18.0413, 18.2981



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.



67.0477, 60.0178, 50.1710



62.9925, 54.1589, 41.8780



76.3322, 78.5868, 53.2658



18.1804, 18.3290, 18.7240



21.8428, 11.6968, 1.1065



2.1791, 1.2435, 0.1252

Inverse Universe

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



69.3646, 82.5936, 106.8940



65.6254, 79.8880, 106.5688



58.8488, 61.5620, 103.3887



18.3628, 20.0973, 23.1613



23.5978, 32.1051, 54.3878



2.3468, 3.2243, 5.3119

Previews

White Background



This preview shows how the XYZ color 67.0462, 60.0150, 50.1698 looks on a white background.

Color Contrast Check

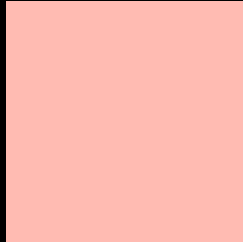
Large Text (above 18pt) WCAG AA × Fail

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 67.0462, 60.0150, 50.1698 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 67.0462, 60.0150, 50.1698

Background



This preview shows how black text looks on a background with the XYZ color 67.0462, 60.0150, 50.1698.



This preview shows how white text looks on a background with the XYZ color 67.0462, 60.0150,

50.1698.

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

67.0462, 60.0150, 50.1698

Protanopia

57.3702, 60.2541, 55.0608

Deuteranopia

61.1807, 59.9381, 49.4189



Tritanopia

68.7820, 60.0351, 61.3888

Trichromacy



Original Color

67.0462, 60.0150, 50.1698

Protanomaly

60.5084, 59.8454, 53.1619

Deuteranomaly

63.2814, 60.0150, 49.8437

Tritanomaly

68.2029, 60.1394, 57.3036

Monochromacy



Original Color

67.0462, 60.0150, 50.1698

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

61.1277, 60.6797, 60.7151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0462, 60.0150, 50.1698 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, 187, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 178)  
}
```

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, 187, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 178) }
```

Border

The CSS property to change the border of an element to XYZ 67.0462, 60.0150, 50.1698 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, 187, 178) }
```


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

```
.border{ border-color:rgb(255, 187, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 187, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0462, 60.0150, 50.1698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 178) }
```

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

```
.background{ background-color: rgb(255,  
187, 178) }
```

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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