

Converting Colors

XYZ(67.2591, 60.4408, 50.2408)

Have a look what the booklet for
XYZ(67.2591, 60.4408, 50.2408)
contains.

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Color

**XYZ(67.2591, 60.4408,
50.2408)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBCB2
RGB	255, 188, 178
RGB Percent	100%, 74%, 70%
CMY	0.0000, 0.2627, 0.3020
CMYK	0.00, 0.26, 0.30, 0.00
HSL	8°, 100%, 85%
HSV	8°, 30%, 100%
XYZ	67.2591, 60.4408, 50.2408
YIQ	206.8930, 43.1420, 11.0940

Conversions

Conversions Part 2

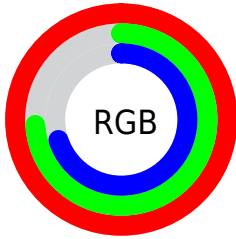
Format	Color
R _Y B	255, 189, 178
Decimal	16759986
CIE Lab	82.08, 22.81, 14.55
CIE LCh	82, 27.060, 32.529
Yxy	60.4408, 0.3780, 0.3397
Android (android.graphics.Color)	4294950066 (0xFFFFBCB2)
YUV	206.8930, -14.2442, 42.1898
Hunter-Lab	77.7437, 18.3759, 16.1052

Details

The XYZ color **67.2591, 60.4408, 50.2408** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.0613, 81.9869, 106.7929**, and the grayscale version is **59.3100, 62.3987, 67.9522**.

A 20% lighter version of the original color is **88.4420, 91.9019, 90.9193**, and **35.2527, 30.4012, 23.4120** is the 20% darker color. If you saturate the color by 10%, you get **60.5522, 50.7505, 36.5259**, and if you desaturate by 10%, it is **75.1737, 71.7843, 66.7074**.

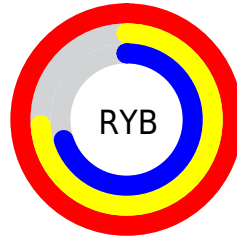
Distribution



Red (100%)

Green (74%)

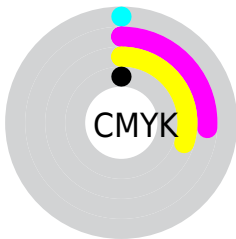
Blue (70%)



Red (100%)

Yellow (74%)

Blue (70%)

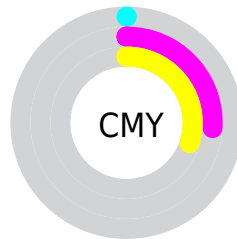


Cyan (0%)

Magenta (26%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.2591, 60.4408, 50.2408 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 67.2591, 60.4408, 50.2408 by changing the saturation by 10% instead.


 67.2591, 60.4408,
50.2408

 67.2591, 60.4408,
50.2408


440.2845,
426.2206, 404.3689

 49.5667, 43.7740,
35.2322


 114.3393,
105.4688, 91.9315

 35.2856, 30.4929,
23.5568

144.4579,
134.5989, 119.4508

 24.0505, 20.2130,
14.7961

179.4492,
168.6522, 151.9774

 15.4960, 12.5500,
8.5314

219.6786,
208.0131, 189.9298

 9.2568, 7.1194,
4.3442

265.5115,
253.0660, 233.7266

 4.9675, 3.5369,
1.8160

317.3132,

 2.2628, 1.4180,

304.1953, 283.7864

0.4385

375.4491,
361.7854, 340.5276

■ 0.7755, 0.2300,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.2591, 60.4408,
50.2408

■ 67.2591, 60.4408,
50.2408

■ 60.5522, 50.7505,
36.5259

■ 75.1737, 71.7843,
66.7074

■ 54.9887, 42.6279,
25.4090

■ 84.3467, 84.8444,
86.0609

■ 50.5054, 35.9930,
16.7266

94.8316, 99.6915,
108.4317

■ 47.0311, 30.7549,
10.2952

95.0500, 100.0000,
108.9000

■ 44.4856, 26.8127,
5.9054

■ 42.7763, 24.0518,
3.3077

■ 41.7876, 22.3552,
2.1125

Harmonies

Analogous

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



69.1878, 60.4408, 64.4253



67.2591, 60.4408, 50.2408



62.6877, 60.4408, 41.5699

Triad

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



67.2591, 60.4408, 50.2408



48.2047, 60.4408, 52.2851



57.9354, 60.4408, 102.6876

Complementary

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



67.2591, 60.4408, 50.2408



69.0613, 81.9869, 106.7929

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.



52.5071, 60.4408, 98.0095



67.2591, 60.4408, 50.2408



47.1160, 60.4408, 67.2139

Square

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



67.2591, 60.4408, 50.2408



51.7170, 60.4408, 42.6048



48.6391, 60.4408, 84.3025



63.5857, 60.4408, 96.2025

Rectangle

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



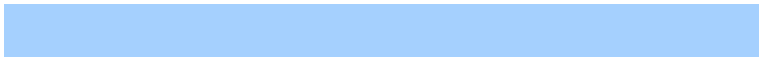
67.2591, 60.4408, 50.2408



58.8935, 60.4408, 39.1917



48.6391, 60.4408, 84.3025



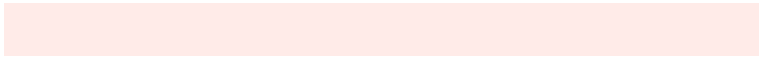
56.0247, 60.4408, 102.3685

Sweetspot

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



67.2606, 60.4436, 50.2420



85.5301, 86.5241, 88.5741



73.7978, 59.7562, 94.8469



17.9992, 18.0829, 18.3050



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.



67.2606, 60.4436, 50.2420



63.2237, 54.6214, 41.9551



76.3322, 78.5869, 53.2659



18.1996, 18.3673, 18.7304



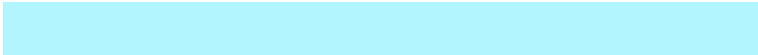
21.8932, 11.7977, 1.1233



2.1880, 1.2614, 0.1282

Inverse Universe

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



69.0613, 81.9869, 106.7929



65.2673, 79.1718, 106.4495



58.8489, 61.5620, 103.3887



18.3417, 20.0550, 23.1542



23.1405, 31.1905, 54.2353



2.3068, 3.1442, 5.2986

Previews

White Background



This preview shows how the XYZ color 67.2591, 60.4408, 50.2408 looks on a white background.

Color Contrast Check

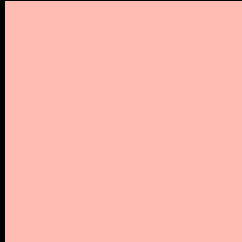
Large Text (above 18pt) WCAG AA × Fail

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 67.2591, 60.4408, 50.2408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

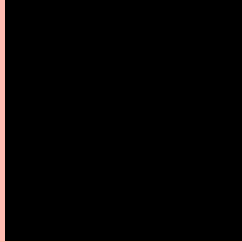
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.2591, 60.4408, 50.2408

Background



This preview shows how black text looks on a background with the XYZ color 67.2591, 60.4408, 50.2408.



This preview shows how white text looks on a background with the XYZ color 67.2591, 60.4408,

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

67.2591, 60.4408, 50.2408

Protanopia

57.6072, 60.7280, 55.1398

Deuteranopia

61.7344, 60.5595, 49.5097



Tritanopia

69.1077, 60.5013, 62.0684

Trichromacy



Original Color

67.2591, 60.4408, 50.2408

Protanomaly

60.7362, 60.3010, 53.2379

Deuteranomaly

63.8455, 60.6351, 49.9337

Tritanomaly

68.4143, 60.5622, 57.3741

Monochromacy



Original Color

67.2591, 60.4408, 50.2408

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

61.3586, 61.1414, 60.7921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2591, 60.4408, 50.2408 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, 188, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 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, 188, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 178) }
```

Border

The CSS property to change the border of an element to XYZ 67.2591, 60.4408, 50.2408 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, 188, 178) }
```


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

```
.border{ border-color:rgb(255, 188, 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, 188, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2591, 60.4408, 50.2408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 178) }
```

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

```
.background{ background-color: rgb(255,  
188, 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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