

Converting Colors

XYZ(85.0008, 69.8011, 49.9877)

Have a look what the booklet for
XYZ(85.0008, 69.8011, 49.9877)
contains.

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Color

**XYZ(67.2741, 60.7898,
49.2622)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBDB0
RGB	255, 189, 176
RGB Percent	100%, 74%, 69%
CMY	0.0000, 0.2588, 0.3098
CMYK	0.00, 0.26, 0.31, 0.00
HSL	10°, 100%, 85%
HSV	10°, 31%, 100%
XYZ	67.2741, 60.7898, 49.2622
YIQ	207.2520, 43.5090, 9.9490

Conversions

Conversions Part 2

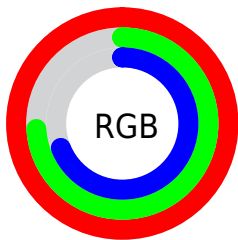
Format	Color
R _Y B	255, 192, 176
Decimal	16760240
CIE Lab	82.27, 22.04, 15.89
CIE LCh	82, 27.165, 35.788
Yxy	60.7898, 0.3794, 0.3428
Android (android.graphics.Color)	4294950320 (0xFFFFBDB0)
YUV	207.2520, -15.4072, 41.8750
Hunter-Lab	77.9678, 17.5741, 17.1164

Details

The XYZ color **67.2741, 60.7898, 49.2622** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.7055, 79.9516, 106.4715**, and the grayscale version is **59.5486, 62.6497, 68.2255**.

A 20% lighter version of the original color is **88.7613, 92.9977, 89.6161**, and **35.2651, 30.6283, 22.7921** is the 20% darker color. If you saturate the color by 10%, you get **60.7336, 51.3744, 35.7816**, and if you desaturate by 10%, it is **74.9646, 71.7464, 65.4655**.

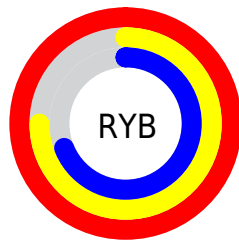
Distribution



Red (100%)

Green (74%)

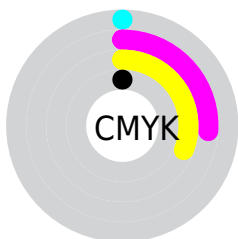
Blue (69%)



Red (100%)

Yellow (75%)

Blue (69%)

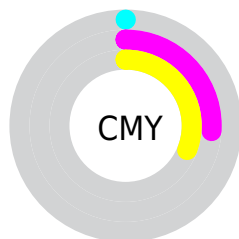


Cyan (0%)

Magenta (26%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2741, 60.7898, 49.2622 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 67.2741, 60.7898, 49.2622 by changing the saturation by 10% instead.

67.2741, 60.7898,
49.2622

67.2741, 60.7898,
49.2622

440.3370,
427.5029, 400.4257

49.5789, 44.0556,
34.4604

114.3607,
105.9745, 90.4658

35.2954, 30.7142,
22.9673

144.4829,
135.1938, 117.7047

24.0581, 20.3813,
14.3643

179.4780,
169.3435, 149.9264

15.5017, 12.6725,
8.2329

219.7116,
208.8081, 187.5494

9.2608, 7.2034,
4.1544

265.5489,
253.9719, 230.9923

4.9702, 3.5896,
1.7104

317.3554,

2.2643, 1.4468,

305.2194, 280.6737

0.3679

375.4963,
362.9349, 337.0119

0.7763, 0.2508,
0.0000

0.0000, 0.0000,
0.0000

67.2741, 60.7898,
49.2622

67.2741, 60.7898,
49.2622

60.7336, 51.3744,
35.7816

74.9646, 71.7464,
65.4655

55.2828, 43.4227,
24.8702

83.8525, 84.3004,
84.5262

50.8625, 36.8631,
16.3650

93.9881, 98.5156,
106.5744

47.4061, 31.6144,
10.0825

95.0500, 100.0000,
108.9000

■ 44.8387, 27.5872,
5.8125

■ 43.0738, 24.6801,
3.3042

■ 42.0672, 22.9144,
2.2057

Harmonies

Analogous

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



69.5600, 60.7898, 63.0304



67.2741, 60.7898, 49.2622



62.4590, 60.7898, 41.1914

Triad

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



67.2741, 60.7898, 49.2622



48.2213, 60.7898, 53.9724



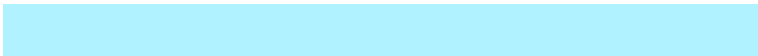
58.9073, 60.7898, 103.1873

Complementary

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



67.2741, 60.7898, 49.2622



67.7055, 79.9516, 106.4715

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.



53.3386, 60.7898, 99.6807



67.2741, 60.7898, 49.2622



47.4093, 60.7898, 69.4530

Square

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



67.2741, 60.7898, 49.2622



51.5185, 60.7898, 43.5766



49.2220, 60.7898, 86.6089



64.5269, 60.7898, 95.5212

Rectangle

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



67.2741, 60.7898, 49.2622



58.5992, 60.7898, 39.2442



49.2220, 60.7898, 86.6089



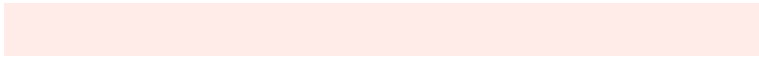
56.9663, 60.7898, 103.2900

Sweetspot

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



67.2756, 60.7926, 49.2634



85.7586, 86.9810, 88.6502



72.9660, 58.7914, 92.4152



18.0550, 18.1945, 18.3236



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.



67.2756, 60.7926, 49.2634



63.2033, 54.9430, 40.8305



76.6417, 79.5248, 52.3854



18.2509, 18.4700, 18.7475



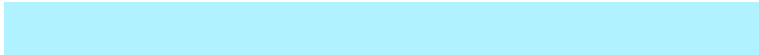
22.0515, 12.1143, 1.1760



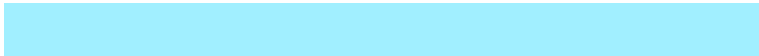
2.2121, 1.3095, 0.1362

Inverse Universe

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



67.7055, 79.9516, 106.4715



63.6812, 76.7681, 106.0691



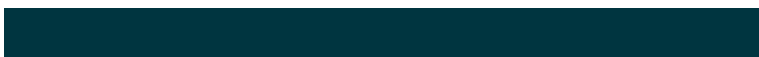
57.4648, 59.4703, 103.0579



18.2853, 19.9423, 23.1355



21.9618, 28.8331, 53.8424



2.2031, 2.9369, 5.2640

Previews

White Background



This preview shows how the XYZ color 67.2741, 60.7898, 49.2622 looks on a white background.

Color Contrast Check

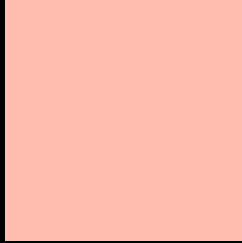
Large Text (above 18pt) WCAG AA × Fail

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 67.2741, 60.7898, 49.2622 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 67.2741, 60.7898, 49.2622

Background



This preview shows how black text looks on a background with the XYZ color 67.2741, 60.7898, 49.2622.



This preview shows how white text looks on a background with the XYZ color 67.2741, 60.7898,

49.2622.

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

67.2741, 60.7898, 49.2622

Protanopia

57.9762, 60.9426, 54.0548

Deuteranopia

62.1983, 60.8214, 48.5059



Tritanopia

69.4357, 60.9708, 62.7525

Trichromacy



Original Color

67.2741, 60.7898, 49.2622

Protanomaly

61.0770, 60.8411, 52.2405

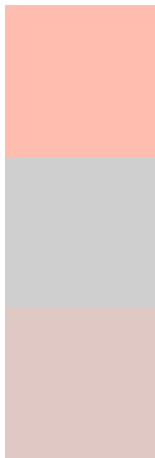
Deuteranomaly

63.9918, 60.7334, 48.9074

Tritanomaly

68.6272, 60.9880, 57.4450

Monochromacy



Original Color

67.2741, 60.7898, 49.2622

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 67.2741, 60.7898, 49.2622 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, 189, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 176)  
}
```

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, 189, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 176) }
```

Border

The CSS property to change the border of an element to XYZ 67.2741, 60.7898, 49.2622 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, 189, 176) }
```


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

```
.border{ border-color:rgb(255, 189, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 189, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 189, 176); box-shadow:4px 4px 4px 4px rgb(255, 189, 176) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2741, 60.7898, 49.2622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 176) }
```

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

```
.background{ background-color: rgb(255,  
189, 176) }
```

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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