

Converting Colors

XYZ(67.1038, 61.1495, 47.0464)

Have a look what the booklet for
XYZ(67.1038, 61.1495, 47.0464)
contains.

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Color

**XYZ(67.0998, 61.0655,
47.2800)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBEAC
RGB	255, 190, 172
RGB Percent	100%, 75%, 67%
CMY	0.0000, 0.2549, 0.3255
CMYK	0.00, 0.25, 0.33, 0.00
HSL	13°, 100%, 84%
HSV	13°, 33%, 100%
XYZ	67.0998, 61.0655, 47.2800
YIQ	207.3830, 44.5180, 8.1820

Conversions

Conversions Part 2

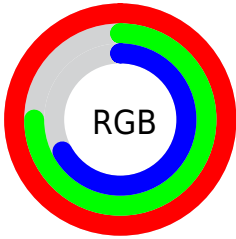
Format	Color
R _Y B	255, 195, 172
Decimal	16760492
CIE Lab	82.41, 21.01, 18.23
CIE LCh	82, 27.817, 40.945
Yxy	61.0655, 0.3825, 0.3481
Android (android.graphics.Color)	4294950572 (0xFFFFBEAC)
YUV	207.3830, -17.4438, 41.7601
Hunter-Lab	78.1444, 16.5188, 18.8286

Details

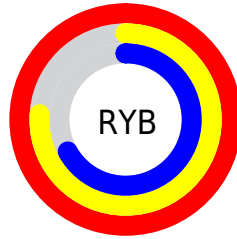
The XYZ color **67.0998, 61.0655, 47.2800** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.3462, 76.5562, 105.9404**, and the grayscale version is **59.6455, 62.7517, 68.3366**.

A 20% lighter version of the original color is **88.3659, 93.3276, 86.0297**, and **35.2203, 30.8347, 21.8647** is the 20% darker color. If you saturate the color by 10%, you get **60.8493, 52.1148, 34.2512**, and if you desaturate by 10%, it is **74.4160, 71.3950, 62.9836**.

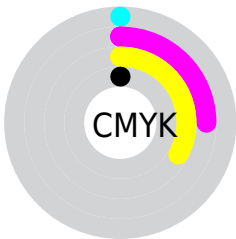
Distribution



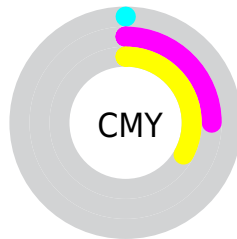
- Red (100%)
- Green (75%)
- Blue (67%)



- Red (100%)
- Yellow (76%)
- Blue (67%)



- Cyan (0%)
- Magenta (25%)
- Yellow (33%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.0998, 61.0655, 47.2800 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 67.0998, 61.0655, 47.2800 by changing the saturation by 10% instead.


 67.0998, 61.0655,
47.2800

 67.0998, 61.0655,
47.2800


439.7268,
428.5141, 392.3571

 49.4367, 44.2780,
32.9011


 114.1124,
106.3738, 87.4858

 35.1820, 30.8891,
21.7802

144.1927,
135.6634, 114.1498

 23.9703, 20.5145,
13.4987


179.1427,
169.8891, 145.7459

 15.4362, 12.7695,
7.6381

219.3278,
209.4354, 182.6926

 9.2144, 7.2700,
3.7798

265.1135,
254.6867, 225.4086

 4.9395, 3.6316,
1.5054

316.8649,

 2.2462, 1.4697,

306.0273, 274.3123

0.2219

374.9476,
363.8416, 329.8223

■ 0.7669, 0.2672,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.0998, 61.0655,
47.2800

■ 67.0998, 61.0655,
47.2800

■ 60.8493, 52.1148,
34.2512

■ 74.4160, 71.3950,
62.9836

■ 55.6088, 44.4756,
23.7434

■ 82.8404, 83.1497,
81.4964

■ 51.3246, 38.0878,
15.5930

■ 92.4192, 96.3845,
102.9484

■ 47.9359, 32.8830,
9.6152

95.0500, 100.0000,
108.9000

■ 45.3742, 28.7859,
5.5974

■ 43.5601, 25.7121,
3.2832

■ 42.6213, 24.0227,
2.3904

Harmonies

Analogous

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



69.9887, 61.0655, 60.4726



67.0998, 61.0655, 47.2800



61.8491, 61.0655, 40.1232

Triad

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



67.0998, 61.0655, 47.2800



47.9036, 61.0655, 56.3750



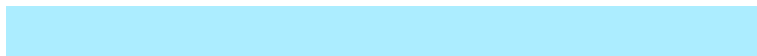
60.2359, 61.0655, 104.0408

Complementary

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



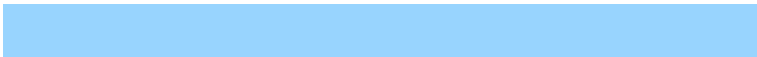
67.0998, 61.0655, 47.2800



65.3462, 76.5562, 105.9404

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.



54.3923, 61.0655, 102.4357



67.0998, 61.0655, 47.2800



47.5367, 61.0655, 72.8938

Square

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



67.0998, 61.0655, 47.2800



50.8752, 61.0655, 44.7220



49.8364, 61.0655, 90.3045



65.8497, 61.0655, 94.3751

Rectangle

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



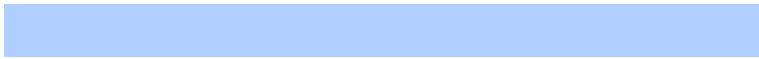
67.0998, 61.0655, 47.2800



57.8529, 61.0655, 38.8603



49.8364, 61.0655, 90.3045



58.2294, 61.0655, 104.8385

Sweetspot

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



67.1014, 61.0684, 47.2812



85.1702, 86.3800, 86.6794



71.2813, 56.8810, 87.3559



17.9529, 18.1050, 17.9361



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.



67.1014, 61.0684, 47.2812



62.9494, 55.1384, 38.5781



77.3980, 81.6616, 50.7134



18.3288, 18.6257, 18.7734



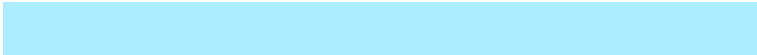
22.3587, 12.7287, 1.2784



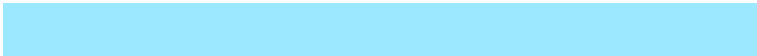
2.2529, 1.3911, 0.1498

Inverse Universe

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



65.3462, 76.5562, 105.9404



60.9330, 72.7624, 105.4408



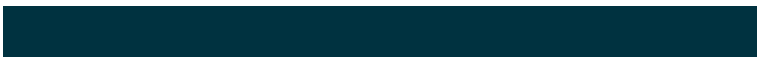
54.6949, 55.2534, 102.3899



18.2008, 19.7733, 23.1073



20.2998, 25.5092, 53.2884



2.0555, 2.6417, 5.2148

Previews

White Background



This preview shows how the XYZ color 67.0998, 61.0655, 47.2800 looks on a white background.

Color Contrast Check

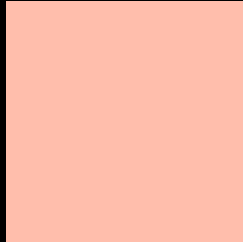
Large Text (above 18pt) WCAG AA × Fail

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 67.0998, 61.0655, 47.2800 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 67.0998, 61.0655, 47.2800

Background



This preview shows how black text looks on a background with the XYZ color 67.0998, 61.0655, 47.2800.



This preview shows how white text looks on a background with the XYZ color 67.0998, 61.0655,

47.2800.

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

67.0998, 61.0655, 47.2800

Protanopia

57.9923, 61.3644, 51.4358

Deuteranopia

62.2420, 60.8773, 46.9981



Tritanopia

69.4357, 60.9708, 62.7525

Trichromacy



Original Color

67.0998, 61.0655, 47.2800

Protanomaly

61.1239, 61.2661, 49.6783

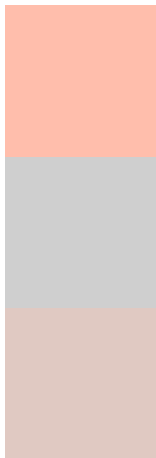
Deuteranomaly

63.9507, 60.7569, 46.8848

Tritanomaly

68.5175, 60.9441, 56.8673

Monochromacy



Original Color

67.0998, 61.0655, 47.2800

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

61.3647, 61.5156, 59.6784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0998, 61.0655, 47.2800 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, 190, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 172)  
}
```

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, 190, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 172) }
```

Border

The CSS property to change the border of an element to XYZ 67.0998, 61.0655, 47.2800 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, 190, 172) }
```


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

```
.border{ border-color:rgb(255, 190, 172) }
```

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

Here you see how a box with a 4 pixel rgb(255, 190, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0998, 61.0655, 47.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 172) }
```

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

```
.background{ background-color: rgb(255,  
190, 172) }
```

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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