

Converting Colors

XYZ(64.8932, 60.9736, 49.7263)

Have a look what the booklet for
XYZ(64.8932, 60.9736, 49.7263)
contains.

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Color

**XYZ(65.0118, 60.9071,
49.9247)**

Conversions

Conversions Part 1

Format	Color
Hex	F6C1B1
RGB	246, 193, 177
RGB Percent	96%, 76%, 69%
CMY	0.0353, 0.2431, 0.3059
CMYK	0.00, 0.22, 0.28, 0.04
HSL	14°, 79%, 83%
HSV	14°, 28%, 96%
XYZ	65.0118, 60.9071, 49.9247
YIQ	207.0230, 36.7240, 6.2600

Conversions

Conversions Part 2

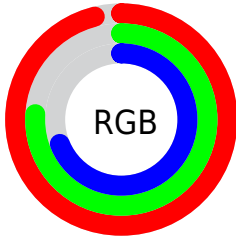
Format	Color
R _Y B	246, 198, 177
Decimal	16171441
CIE Lab	82.33, 16.71, 15.31
CIE LCh	82, 22.664, 42.493
Yxy	60.9071, 0.3697, 0.3464
Android (android.graphics.Color)	4294361521 (0xFFFF6C1B1)
YUV	207.0230, -14.8013, 34.1828
Hunter-Lab	78.0430, 12.1198, 16.7018

Details

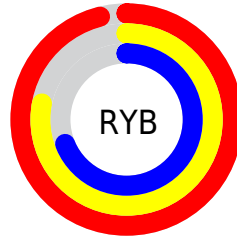
The XYZ color **65.0118, 60.9071, 49.9247** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.0619, 72.5922, 97.8770**, and the grayscale version is **59.4001, 62.4936, 68.0555**.

A 20% lighter version of the original color is **90.1336, 95.5144, 90.7764**, and **33.8570, 30.7393, 23.2176** is the 20% darker color. If you saturate the color by 10%, you get **58.8643, 52.1886, 36.8493**, and if you desaturate by 10%, it is **72.1382, 70.8753, 65.5082**.

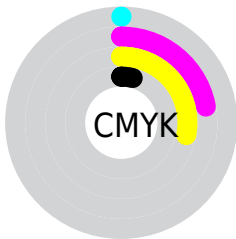
Distribution



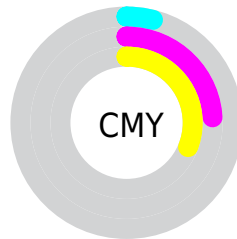
- Red (96%)
- Green (76%)
- Blue (69%)



- Red (96%)
- Yellow (78%)
- Blue (69%)



- Cyan (0%)
- Magenta (22%)
- Yellow (28%)
- Black (4%)





- Cyan (4%)
- Magenta (24%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.0118, 60.9071, 49.9247 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 65.0118, 60.9071, 49.9247 by changing the saturation by 10% instead.


 65.0118, 60.9071,
49.9247

 65.0118, 60.9071,
49.9247


432.3789,
427.9333, 403.0980

 47.7354, 44.1502,
34.9828


 111.1324,
106.1444, 91.4585

 33.8278, 30.7886,
23.3662


140.7074,
135.3936, 118.8874

 22.9236, 20.4379,
14.6563


175.1125,
169.5757, 151.3158

 14.6575, 12.7138,
8.4346

214.7132,
209.0751, 189.1621

 8.6641, 7.2317,
4.2825

259.8749,
254.2761, 232.8450

 4.5781, 3.6075,
1.7816

310.9628,

 2.0341, 1.4565,

305.5633, 282.7829

0.4158

368.3424,
363.3208, 339.3944

■ 0.6530, 0.2578,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.0118, 60.9071,
49.9247

■ 65.0118, 60.9071,
49.9247

■ 58.8643, 52.1886,
36.8493

■ 72.1382, 70.8753,
65.5082

■ 53.6471, 44.6616,
26.1467

■ 80.2795, 82.1315,
83.7183

■ 49.3144, 38.2761,
17.6739

■ 89.4761, 94.7228,
104.6703

■ 45.8145, 32.9748,
11.2714

■ 91.8161, 98.3329,
108.7487

■ 43.0901, 28.6954,
6.7579

■ 41.0755, 25.3688,
3.9203

■ 39.6878, 22.9142,
2.4690

■ 39.4723, 22.5252,
2.2674

Harmonies

Analogous

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



67.4391, 60.9071, 60.7288



65.0118, 60.9071, 49.9247



60.7293, 60.9071, 44.0487

Triad

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



65.0118, 60.9071, 49.9247



49.4776, 60.9071, 58.6338



59.9226, 60.9071, 95.8217

Complementary

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



65.0118, 60.9071, 49.9247



63.0619, 72.5922, 97.8770

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.



55.1413, 60.9071, 95.0541



65.0118, 60.9071, 49.9247



49.2884, 60.9071, 72.2389

Square

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



65.0118, 60.9071, 49.9247



51.8409, 60.9071, 48.5754



51.3090, 60.9071, 85.9552



64.3931, 60.9071, 87.9260

Rectangle

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



65.0118, 60.9071, 49.9247



57.4874, 60.9071, 43.1364



51.3090, 60.9071, 85.9552



58.2952, 60.9071, 96.5965

Sweetspot

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



65.0134, 60.9099, 49.9259



87.1414, 89.1626, 90.9119



68.1595, 56.8101, 83.0118



18.3512, 18.6706, 18.7809



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.



65.0134, 60.9099, 49.9259



66.4070, 60.2405, 45.3200



73.2611, 77.4053, 52.6752



16.8110, 17.1062, 17.2134



21.1566, 12.1987, 1.2395



1.9347, 1.2227, 0.1340

Inverse Universe

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



63.0619, 72.5922, 97.8770



63.9390, 74.9311, 105.7009



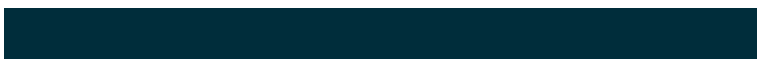
54.6309, 55.7301, 95.0666



16.6518, 18.0679, 21.1524



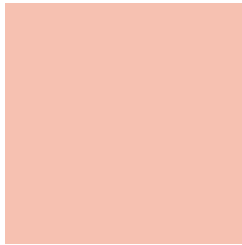
18.6970, 23.1878, 50.0283



1.7205, 2.1924, 4.4227

Previews

White Background



This preview shows how the XYZ color 65.0118, 60.9071, 49.9247 looks on a white background.

Color Contrast Check

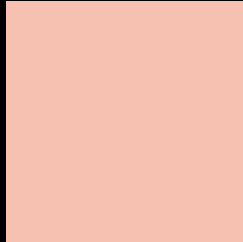
Large Text (above 18pt) WCAG AA × Fail

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 65.0118, 60.9071, 49.9247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

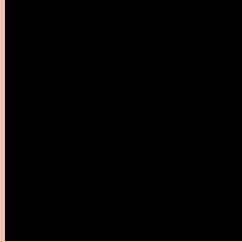
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.0118, 60.9071, 49.9247

Background



This preview shows how black text looks on a background with the XYZ color 65.0118, 60.9071, 49.9247.



This preview shows how white text looks on a background with the XYZ color 65.0118, 60.9071,

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

65.0118, 60.9071, 49.9247

Protanopia

57.8717, 60.9008, 53.5046

Deuteranopia

62.0637, 60.7293, 49.5251



Tritanopia

68.1636, 60.8946, 65.2880

Trichromacy



Original Color

65.0118, 60.9071, 49.9247

Protanomaly

60.3588, 60.8135, 52.2730

Deuteranomaly

63.1730, 60.9652, 49.5122

Tritanomaly

66.8625, 60.6784, 59.2270

Monochromacy



Original Color

65.0118, 60.9071, 49.9247

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.9031, 61.5987, 60.9044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0118, 60.9071, 49.9247 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(246, 193, 177)` looks like.

```
.text, #text, p{  
    color:rgb(246, 193, 177)  
}
```

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(246, 193, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 193, 177) }
```

Border

The CSS property to change the border of an element to XYZ 65.0118, 60.9071, 49.9247 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(246, 193, 177) }
```


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

```
.border{ border-color:rgb(246, 193, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 193, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 193, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 193, 177); box-shadow:4px 4px 4px 4px rgb(246, 193, 177) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0118, 60.9071, 49.9247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 193, 177) }
```

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

```
.background{ background-color: rgb(246,  
193, 177) }
```

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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