

Converting Colors

XYZ(65.7147, 60.1478, 46.8604)

Have a look what the booklet for
XYZ(65.7147, 60.1478, 46.8604)
contains.

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Color

**XYZ(65.6932, 60.0309,
46.6528)**

Conversions

Conversions Part 1

Format	Color
Hex	FCBDAB
RGB	252, 189, 171
RGB Percent	99%, 74%, 67%
CMY	0.0118, 0.2588, 0.3294
CMYK	0.00, 0.25, 0.32, 0.01
HSL	13°, 93%, 83%
HSV	13°, 32%, 99%
XYZ	65.6932, 60.0309, 46.6528
YIQ	205.7850, 43.3260, 7.7580

Conversions

Conversions Part 2

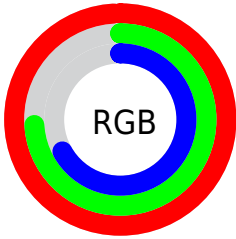
Format	Color
R _Y B	252, 194, 171
Decimal	16563627
CIE Lab	81.85, 20.29, 17.94
CIE LCh	82, 27.081, 41.483
Yxy	60.0309, 0.3811, 0.3483
Android (android.graphics.Color)	4294753707 (0xFFFCBDAB)
YUV	205.7850, -17.1490, 40.5306
Hunter-Lab	77.4796, 15.7568, 18.5354

Details

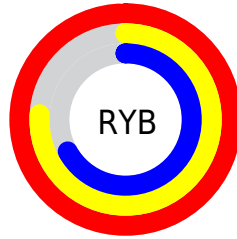
The XYZ color **65.6932, 60.0309, 46.6528** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.7872, 74.5295, 103.1194**, and the grayscale version is **58.6168, 61.6695, 67.1581**.

A 20% lighter version of the original color is **87.6199, 92.0558, 85.1020**, and **34.2419, 30.1292, 21.4635** is the 20% darker color. If you saturate the color by 10%, you get **59.5818, 51.2926, 33.8734**, and if you desaturate by 10%, it is **72.8354, 70.0974, 62.0362**.

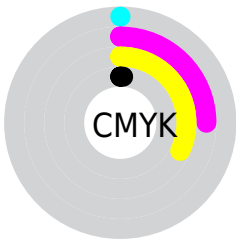
Distribution



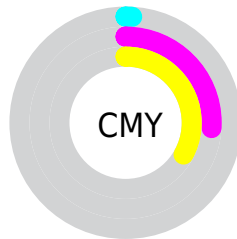
- Red (99%)
- Green (74%)
- Blue (67%)



- Red (99%)
- Yellow (76%)
- Blue (67%)



- Cyan (0%)
- Magenta (25%)
- Yellow (32%)
- Black (1%)





- Cyan (1%)
- Magenta (26%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.6932, 60.0309, 46.6528 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 65.6932, 60.0309, 46.6528 by changing the saturation by 10% instead.


 65.6932, 60.0309,
46.6528

 65.6932, 60.0309,
46.6528


434.7848,
424.7117, 389.7805

 48.2902, 43.4435,
32.4089


 112.1061,
104.8745, 86.5397

 34.2689, 30.2333,
21.4066


141.8466,
133.8995, 113.0197

 23.2642, 20.0157,
13.2274


176.4303,
167.8392, 144.4156

 14.9104, 12.4065,
7.4528

216.2227,
207.0780, 181.1457

 8.8425, 7.0211,
3.6641

261.5889,
252.0002, 223.6288

 4.6949, 3.4753,
1.4430

312.8945,

 2.1023, 1.3846,

302.9903, 272.2832

0.1749

370.5046,
360.4327, 327.5276

0.6904, 0.2054,
0.0000

0.0000, 0.0000,
0.0000

65.6932, 60.0309,
46.6528

65.6932, 60.0309,
46.6528

59.5818, 51.2926,
33.8734

72.8354, 70.0974,
62.0362

54.4477, 43.8181,
23.5493

81.0491, 81.5361,
80.1538

50.2396, 37.5505,
15.5224

90.3785, 94.3992,
101.1311

46.8991, 32.4247,
9.6145

93.9550, 99.4355,
108.8488

■ 44.3610, 28.3695,
5.6205

■ 42.5493, 25.3048,
3.2943

■ 41.5599, 23.5254,
2.3504

Harmonies

Analogous

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



68.5195, 60.0309, 59.2957



65.6932, 60.0309, 46.6528



60.6195, 60.0309, 39.8302

Triad

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



65.6932, 60.0309, 46.6528



47.2580, 60.0309, 55.8683



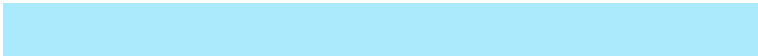
59.2735, 60.0309, 101.3145

Complementary

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



65.6932, 60.0309, 46.6528



63.7872, 74.5295, 103.1194

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.



53.6379, 60.0309, 99.9817



65.6932, 60.0309, 46.6528



46.9509, 60.0309, 71.8316

Square

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



65.6932, 60.0309, 46.6528



50.0830, 60.0309, 44.5057



49.2140, 60.0309, 88.5075



64.6513, 60.0309, 91.8919

Rectangle

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



65.6932, 60.0309, 46.6528



56.7736, 60.0309, 38.6778



49.2140, 60.0309, 88.5075



57.3424, 60.0309, 102.1464

Sweetspot

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



65.6948, 60.0337, 46.6540



85.2093, 86.4582, 86.6924



69.6243, 55.7883, 85.2803



17.9623, 18.1238, 17.9392



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.



65.6948, 60.0337, 46.6540



63.0548, 55.3492, 38.6132



75.5292, 79.7025, 49.9321



17.5575, 17.8508, 17.9826



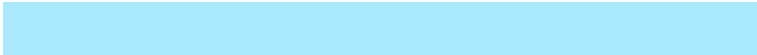
21.7379, 12.4325, 1.2540



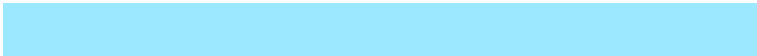
2.0886, 1.3020, 0.1412

Inverse Universe

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



63.7872, 74.5295, 103.1194



60.7822, 72.4608, 105.3905



53.6466, 54.2482, 99.7392



17.4194, 18.9155, 22.1183



19.5484, 24.4524, 51.6630



1.8882, 2.4201, 4.8108

Previews

White Background



This preview shows how the XYZ color 65.6932, 60.0309, 46.6528 looks on a white background.

Color Contrast Check

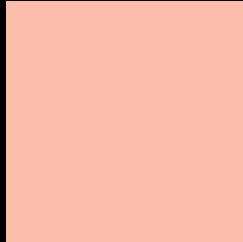
Large Text (above 18pt) WCAG AA × Fail

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 65.6932, 60.0309, 46.6528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

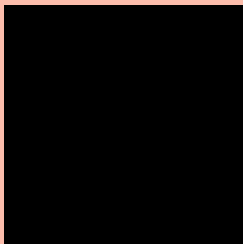
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.6932, 60.0309, 46.6528

Background



This preview shows how black text looks on a background with the XYZ color 65.6932, 60.0309, 46.6528.



This preview shows how white text looks on a background with the XYZ color 65.6932, 60.0309,

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

65.6932, 60.0309, 46.6528

Protanopia

56.8324, 60.0724, 50.7192

Deuteranopia

61.2566, 60.0443, 46.3913



Tritanopia

68.8978, 60.0814, 61.9984

Trichromacy



Original Color

65.6932, 60.0309, 46.6528

Protanomaly

59.6105, 59.8142, 48.9609

Deuteranomaly

62.6013, 59.7430, 46.2623

Tritanomaly

67.6173, 59.8628, 56.1350

Monochromacy



Original Color

65.6932, 60.0309, 46.6528

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.7113, 60.8468, 58.9968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6932, 60.0309, 46.6528 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(252, 189, 171)` looks like.

```
.text, #text, p{  
    color:rgb(252, 189, 171)  
}
```

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(252, 189, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 189, 171) }
```

Border

The CSS property to change the border of an element to XYZ 65.6932, 60.0309, 46.6528 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(252, 189, 171) }
```


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

```
.border{ border-color:rgb(252, 189, 171) }
```

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

Here you see how a box with a 4 pixel rgb(252, 189, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 189, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 189, 171);  
box-shadow:4px 4px 4px 4px rgb(252, 189,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6932, 60.0309, 46.6528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 189, 171) }
```

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

```
.background{ background-color: rgb(252,  
189, 171) }
```

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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