

Converting Colors

XYZ(66.5991, 63.2519, 48.8346)

Have a look what the booklet for
XYZ(66.5991, 63.2519, 48.8346)
contains.

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Color

**XYZ(66.3176, 62.9450,
48.6987)**

Conversions

Conversions Part 1

Format	Color
Hex	F8C5AE
RGB	248, 197, 174
RGB Percent	97%, 77%, 68%
CMY	0.0275, 0.2274, 0.3176
CMYK	0.00, 0.21, 0.30, 0.03
HSL	19°, 84%, 83%
HSV	19°, 30%, 97%
XYZ	66.3176, 62.9450, 48.6987
YIQ	209.6270, 37.7790, 3.6590

Conversions

Conversions Part 2

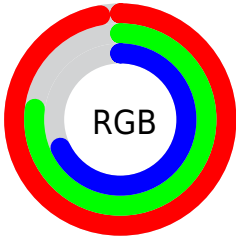
Format	Color
R _{YB}	248, 207, 174
Decimal	16303534
CIE Lab	83.41, 14.97, 18.45
CIE LCh	83, 23.759, 50.955
Yxy	62.9450, 0.3727, 0.3537
Android (android.graphics.Color)	4294493614 (0xFFF8C5AE)
YUV	209.6270, -17.5641, 33.6531
Hunter-Lab	79.3379, 10.3647, 19.1435

Details

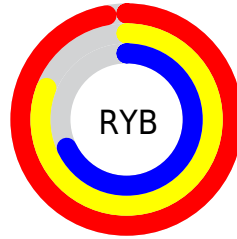
The XYZ color **66.3176, 62.9450, 48.6987** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.3231, 69.6240, 99.0137**, and the grayscale version is **61.1096, 64.2920, 70.0140**.

A 20% lighter version of the original color is **90.9647, 97.8568, 88.9568**, and **34.5705, 31.9972, 22.7664** is the 20% darker color. If you saturate the color by 10%, you get **60.4567, 54.7416, 35.8980**, and if you desaturate by 10%, it is **73.0682, 72.2128, 63.9995**.

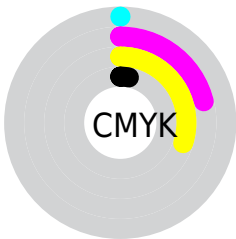
Distribution



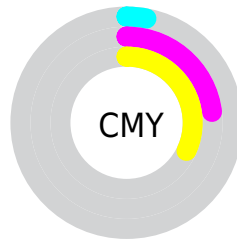
- Red (97%)
- Green (77%)
- Blue (68%)



- Red (97%)
- Yellow (81%)
- Blue (68%)



- Cyan (0%)
- Magenta (21%)
- Yellow (30%)
- Black (3%)





- Cyan (3%)
- Magenta (23%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.3176, 62.9450, 48.6987 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 66.3176, 62.9450, 48.6987 by changing the saturation by 10% instead.


 66.3176, 62.9450,
48.6987

 66.3176, 62.9450,
48.6987


436.9826,
435.3699, 398.1433

 48.7989, 45.7967,
34.0166


 112.9973,
109.0902, 89.6201

 34.6739, 32.0854,
22.6289

142.8890,
138.8558, 116.6966

 23.5771, 21.4268,
14.1170


177.6357,
173.5961, 148.7415

 15.1432, 13.4363,
8.0624

217.6028,
213.6953, 186.1736

 9.0070, 7.7297,
4.0466

263.1558,
259.5379, 229.4112

 4.8029, 3.9225,
1.6509

314.6598,

 2.1656, 1.6303,

311.5083, 278.8730

0.3268

372.4803,
369.9908, 334.9775

■ 0.7245, 0.3779,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.3176, 62.9450,
48.6987

■ 66.3176, 62.9450,
48.6987

■ 60.4567, 54.7416,
35.8980

■ 73.0682, 72.2128,
63.9995

■ 55.4413, 47.5546,
25.4591

■ 80.7402, 82.5731,
81.9208

■ 51.2307, 41.3453,
17.2360

■ 89.3696, 94.0638,
102.5798

■ 47.7783, 36.0691,
11.0649

■ 92.5214, 98.6965,
108.7817

■ 45.0324, 31.6773,
6.7587

■ 42.9333, 28.1160,
4.0952

■ 41.3938, 25.3178,
2.7167

■ 41.3722, 25.2781,
2.6986

Harmonies

Analogous

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



69.6102, 62.9450, 58.8404



66.3176, 62.9450, 48.6987



61.4054, 62.9450, 44.0673

Triad

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



66.3176, 62.9450, 48.6987



50.5278, 62.9450, 64.1529



63.4575, 62.9450, 98.7460

Complementary

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



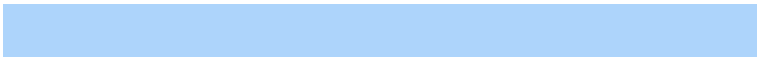
66.3176, 62.9450, 48.6987



61.3231, 69.6240, 99.0137

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.



58.2765, 62.9450, 100.7115



66.3176, 62.9450, 48.6987



51.0068, 62.9450, 79.2431

Square

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



66.3176, 62.9450, 48.6987



52.4264, 62.9450, 52.1051



53.7750, 62.9450, 93.1401



67.8939, 62.9450, 88.1029

Rectangle

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



66.3176, 62.9450, 48.6987



57.9559, 62.9450, 44.1904



53.7750, 62.9450, 93.1401



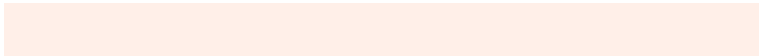
61.7386, 62.9450, 100.4983

Sweetspot

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



66.3193, 62.9479, 48.7000



86.7332, 88.9303, 88.9751



67.5479, 55.7092, 79.0009



18.2935, 18.6716, 18.4032



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.



66.3193, 62.9479, 48.7000



66.6612, 61.4963, 43.1009



75.5472, 81.4038, 51.7760



17.6848, 18.1054, 18.0250



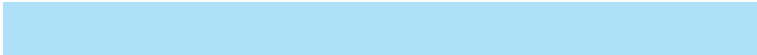
22.4586, 13.8739, 1.4942



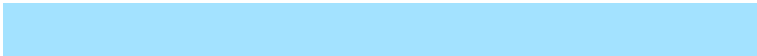
2.1701, 1.4651, 0.1684

Inverse Universe

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



61.3231, 69.6240, 99.0137



60.5171, 69.6714, 104.8661



52.5541, 52.0859, 96.0906



17.2840, 18.6447, 22.0731



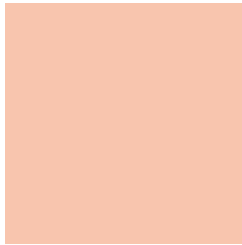
17.1403, 19.6361, 50.8603



1.6819, 2.0074, 4.7420

Previews

White Background



This preview shows how the XYZ color 66.3176, 62.9450, 48.6987 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 66.3176, 62.9450, 48.6987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

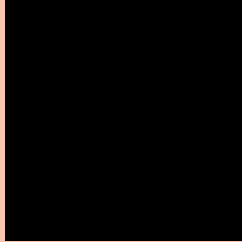
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.3176, 62.9450, 48.6987

Background



This preview shows how black text looks on a background with the XYZ color 66.3176, 62.9450, 48.6987.



This preview shows how white text looks on a background with the XYZ color 66.3176, 62.9450,

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

66.3176, 62.9450, 48.6987

Protanopia

59.6060, 63.2718, 51.7189

Deuteranopia

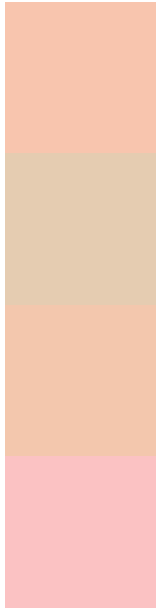
64.1323, 62.8509, 48.2865



Tritanopia

70.2570, 62.8997, 67.4694

Trichromacy



Original Color

66.3176, 62.9450, 48.6987

Protanomaly

61.8418, 63.0181, 50.4993

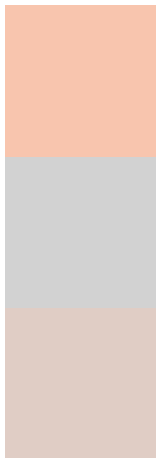
Deuteranomaly

64.9284, 62.9187, 48.2576

Tritanomaly

68.9258, 63.0329, 60.1636

Monochromacy



Original Color

66.3176, 62.9450, 48.6987

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.6498, 63.5412, 61.7860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3176, 62.9450, 48.6987 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(248, 197, 174)` looks like.

```
.text, #text, p{  
    color:rgb(248, 197, 174)  
}
```

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(248, 197, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 197, 174) }
```

Border

The CSS property to change the border of an element to XYZ 66.3176, 62.9450, 48.6987 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(248, 197, 174) }
```


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

```
.border{ border-color:rgb(248, 197, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 197, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 197, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 197, 174);  
box-shadow:4px 4px 4px 4px rgb(248, 197,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3176, 62.9450, 48.6987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 197, 174) }
```

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

```
.background{ background-color: rgb(248,  
197, 174) }
```

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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