

Converting Colors

XYZ(64.7781, 57.7328, 49.6203)

Have a look what the booklet for
XYZ(64.7781, 57.7328, 49.6203)
contains.

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Color

**XYZ(64.7530, 57.5906,
49.8227)**

Conversions

Conversions Part 1

Format	Color
Hex	FBB7B2
RGB	251, 183, 178
RGB Percent	98%, 72%, 70%
CMY	0.0157, 0.2823, 0.3020
CMYK	0.00, 0.27, 0.29, 0.02
HSL	4°, 90%, 84%
HSV	4°, 29%, 98%
XYZ	64.7530, 57.5906, 49.8227
YIQ	202.7620, 42.1330, 12.8610

Conversions

Conversions Part 2

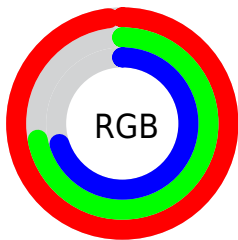
Format	Color
R _Y B	251, 183, 178
Decimal	16496562
CIE Lab	80.51, 23.96, 12.28
CIE LCh	81, 26.926, 27.133
Yxy	57.5906, 0.3761, 0.3345
Android (android.graphics.Color)	4294686642 (0xFFFBB7B2)
YUV	202.7620, -12.2077, 42.3047
Hunter-Lab	75.8885, 19.5030, 14.1965

Details

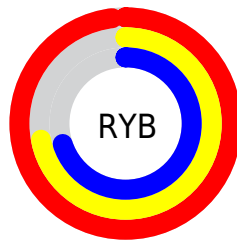
The XYZ color **64.7530, 57.5906, 49.8227** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.7272, 82.3386, 103.5375**, and the grayscale version is **56.6724, 59.6238, 64.9303**.

A 20% lighter version of the original color is **86.9578, 88.9335, 90.4246**, and **33.6766, 28.7834, 23.1828** is the 20% darker color. If you saturate the color by 10%, you get **58.0316, 47.8185, 36.2656**, and if you desaturate by 10%, it is **72.7395, 69.1544, 66.0776**.

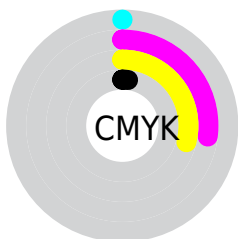
Distribution



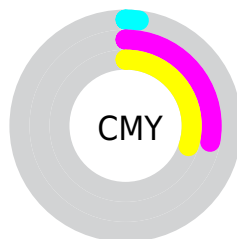
- Red (98%)
- Green (72%)
- Blue (70%)



- Red (98%)
- Yellow (72%)
- Blue (70%)



- Cyan (0%)
- Magenta (27%)
- Yellow (29%)
- Black (2%)





- Cyan (2%)
- Magenta (28%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.7530, 57.5906, 49.8227 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 64.7530, 57.5906, 49.8227 by changing the saturation by 10% instead.


 64.7530, 57.5906,
49.8227

 64.7530, 57.5906,
49.8227


431.4631,
415.6587, 402.6874

 47.5248, 41.4796,
34.9023


 110.7624,
101.3264, 91.3057

 33.6604, 28.6940,
23.3047


140.2742,
129.7201, 118.7055

 22.7945, 18.8495,
14.6113


174.6113,
162.9767, 151.1021

 14.5617, 11.5616,
8.4034

214.1390,
201.4807, 188.9142

 8.5967, 6.4459,
4.2627

259.2227,
245.6165, 232.5602

 4.5340, 3.1181,
1.7705

310.2277,

 2.0085, 1.1937,

295.7686, 282.4587

0.4084

367.5194,
352.3211, 339.0282

■ 0.6387, 0.0565,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.7530, 57.5906,
49.8227

■ 64.7530, 57.5906,
49.8227

■ 58.0316, 47.8185,
36.2656

■ 72.7395, 69.1544,
66.0776

■ 52.5061, 39.7409,
25.2570

■ 82.0466, 82.5845,
85.1615

■ 48.1075, 33.2637,
16.6385

■ 92.7320, 97.9616,
107.2014

■ 44.7579, 28.2803,
10.2326

■ 93.5937, 99.2492,
108.8318

■ 42.3696, 24.6712,
5.8372

■ 40.8404, 22.2986,
3.2130

■ 40.0352, 20.9921,
2.0079

■ 39.9874, 20.9167,
1.9298

Harmonies

Analogous

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



66.0551, 57.5906, 64.2413



64.7530, 57.5906, 49.8227



60.7115, 57.5906, 40.4555

Triad

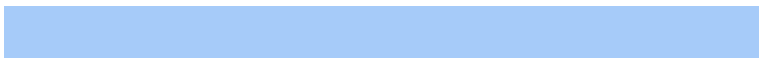
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.7530, 57.5906, 49.8227



46.2869, 57.5906, 47.5945



54.2082, 57.5906, 98.2880

Complementary

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



64.7530, 57.5906, 49.8227



68.7272, 82.3386, 103.5375

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.



49.1700, 57.5906, 91.9077



64.7530, 57.5906, 49.8227



44.7937, 57.5906, 61.1961

Square

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



64.7530, 57.5906, 49.8227



50.0323, 57.5906, 39.3293



45.8131, 57.5906, 77.6392



59.7302, 57.5906, 93.8864

Rectangle

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



64.7530, 57.5906, 49.8227



57.1394, 57.5906, 37.4650



45.8131, 57.5906, 77.6392



52.4051, 57.5906, 97.3112

Sweetspot

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



64.7545, 57.5933, 49.8239



85.1284, 85.7206, 88.4401



72.3594, 59.0126, 94.8731



17.9012, 17.8869, 18.2724



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.



64.7545, 57.5933, 49.8239



62.8277, 53.4594, 42.9636



73.2472, 74.5785, 52.6547



17.3402, 17.4162, 17.9101



21.0551, 11.0668, 1.0264



1.9823, 1.0896, 0.1058

Inverse Universe

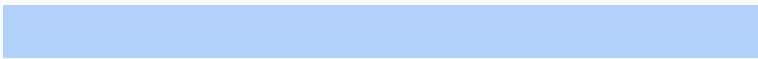
The Inverse Universe completely reimagines the original color for something new.



68.7272, 82.3386, 103.5375



67.5623, 82.9775, 107.0631



58.7294, 62.3429, 100.2049



17.6580, 19.3928, 22.1978



24.6314, 34.6184, 53.3574



2.3110, 3.2657, 4.9517

Previews

White Background



This preview shows how the XYZ color 64.7530, 57.5906, 49.8227 looks on a white background.

Color Contrast Check

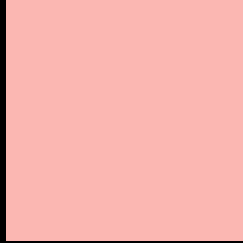
Large Text (above 18pt) WCAG AA × Fail

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 64.7530, 57.5906, 49.8227 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 64.7530, 57.5906, 49.8227

Background



This preview shows how black text looks on a background with the XYZ color 64.7530, 57.5906, 49.8227.



This preview shows how white text looks on a background with the XYZ color 64.7530, 57.5906,

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

64.7530, 57.5906, 49.8227

Protanopia

55.1252, 57.7001, 55.2455

Deuteranopia

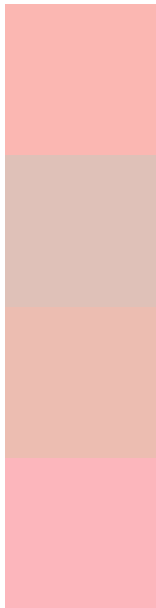
58.9013, 57.7685, 49.1203



Tritanopia

66.7695, 57.8254, 58.6812

Trichromacy



Original Color

64.7530, 57.5906, 49.8227

Protanomaly

58.1531, 57.2886, 53.3402

Deuteranomaly

60.7255, 57.4024, 49.4742

Tritanomaly

65.9499, 57.7822, 55.2541

Monochromacy



Original Color

64.7530, 57.5906, 49.8227

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

58.9927, 58.5905, 59.2388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.7530, 57.5906, 49.8227 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(251, 183, 178)` looks like.

```
.text, #text, p{  
    color:rgb(251, 183, 178)  
}
```

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(251, 183, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 183, 178) }
```

Border

The CSS property to change the border of an element to XYZ 64.7530, 57.5906, 49.8227 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(251, 183, 178) }
```


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

```
.border{ border-color:rgb(251, 183, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 183, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 183, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 183, 178);  
box-shadow:4px 4px 4px 4px rgb(251, 183,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 64.7530, 57.5906, 49.8227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 183, 178) }
```

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

```
.background{ background-color: rgb(251,  
183, 178) }
```

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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