

Converting Colors

XYZ(64.8633, 57.5519, 54.1443)

Have a look what the booklet for
XYZ(64.8633, 57.5519, 54.1443)
contains.

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Color

**XYZ(64.8633, 57.5519,
54.1443)**

Conversions

Conversions Part 1

Format	Color
Hex	F9B7BA
RGB	249, 183, 186
RGB Percent	98%, 72%, 73%
CMY	0.0235, 0.2823, 0.2706
CMYK	0.00, 0.27, 0.25, 0.02
HSL	357°, 85%, 85%
HSV	357°, 27%, 98%
XYZ	64.8633, 57.5519, 54.1443
YIQ	203.0760, 38.3730, 14.9250

Conversions

Conversions Part 2

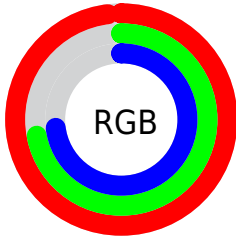
Format	Color
R _Y B	249, 183, 186
Decimal	16365498
CIE Lab	80.49, 24.31, 7.91
CIE LCh	80, 25.561, 18.026
Yxy	57.5519, 0.3674, 0.3260
Android (android.graphics.Color)	4294555578 (0xFFFF9B7BA)
YUV	203.0760, -8.4185, 40.2753
Hunter-Lab	75.8630, 19.8584, 10.7881

Details

The XYZ color **64.8633, 57.5519, 54.1443** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.0411, 84.4737, 99.8066**, and the grayscale version is **56.8481, 59.8087, 65.1316**.

A 20% lighter version of the original color is **88.1335, 89.4038, 96.6159**, and **33.7021, 28.7351, 25.9604** is the 20% darker color. If you saturate the color by 10%, you get **57.8542, 47.2466, 40.3606**, and if you desaturate by 10%, it is **73.2044, 69.8476, 70.4471**.

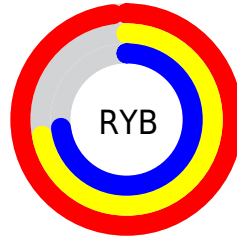
Distribution



Red (98%)

Green (72%)

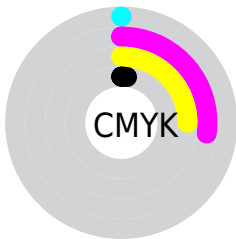
Blue (73%)



Red (98%)

Yellow (72%)

Blue (73%)

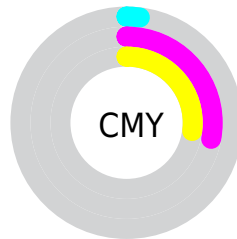


Cyan (0%)

Magenta (27%)

Yellow (25%)

Black (2%)



Cyan (2%)


Magenta (28%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.8633, 57.5519, 54.1443 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 64.8633, 57.5519, 54.1443 by changing the saturation by 10% instead.


 64.8633, 57.5519,
54.1443

 64.8633, 57.5519,
54.1443


431.8535,
415.5141, 419.8502

 47.6145, 41.4485,
38.3231


 110.9201,
101.2700, 97.7446

 33.7317, 28.6697,
25.9298


140.4589,
129.6536, 126.3608

 22.8495, 18.8311,
16.5458


174.8250,
162.8993, 160.0791

 14.6025, 11.5483,
9.7527

214.3838,
201.3915, 199.3179

 8.6254, 6.4369,
5.1318

259.5007,
245.5148, 244.4959

 4.5528, 3.1125,
2.2647

310.5411,

 2.0194, 1.1908,

295.6533, 296.0316

0.7114

367.8702,
352.1917, 354.3435

0.6448, 0.0541,
0.0000

0.0000, 0.0000,
0.0000

64.8633, 57.5519,
54.1443

64.8633, 57.5519,
54.1443

57.8542, 47.2466,
40.3606

73.2044, 69.8476,
70.4471

52.1037, 38.8197,
28.9670

82.9366, 84.2222,
89.3821

47.5387, 32.1603,
19.8286

92.8770, 98.8798,
108.7983

44.0764, 27.1426,
12.7957

■ 41.6234, 23.6243,
7.7001

■ 40.0709, 21.4387,
4.3484

■ 39.2843, 20.3779,
2.5066

■ 39.1292, 20.1646,
2.1556

Harmonies

Analogous

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



65.1725, 57.5519, 68.8499



64.8633, 57.5519, 54.1443



61.7276, 57.5519, 43.5498

Triad

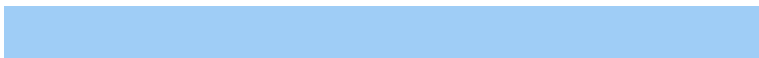
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.8633, 57.5519, 54.1443



47.5406, 57.5519, 45.2636



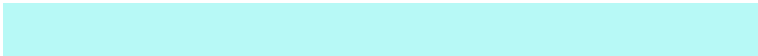
52.6355, 57.5519, 95.3798

Complementary

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



64.8633, 57.5519, 54.1443



70.0411, 84.4737, 99.8066

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.



48.2296, 57.5519, 86.6845



64.8633, 57.5519, 54.1443



45.4165, 57.5519, 56.8606

Square

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



64.8633, 57.5519, 54.1443



51.6394, 57.5519, 39.0152



45.6604, 57.5519, 72.0341



57.8820, 57.5519, 94.3393

Rectangle

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



64.8633, 57.5519, 54.1443



58.5627, 57.5519, 39.5136



45.6604, 57.5519, 72.0341



51.0136, 57.5519, 93.4480

Sweetspot

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



64.8649, 57.5546, 54.1455



85.9054, 86.4765, 91.1601



71.9348, 60.2479, 97.4604



18.0428, 18.0004, 18.8425



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.



64.8649, 57.5546, 54.1455



64.2065, 54.4792, 48.7804



71.3347, 70.9985, 54.7475



17.2765, 17.2380, 18.0460



20.9588, 10.7993, 1.2257



1.9520, 1.0045, 0.1708

Inverse Universe

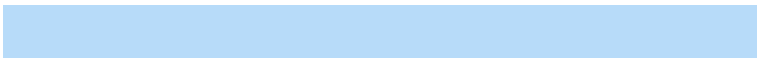
The Inverse Universe completely reimagines the original color for something new.



64.8649, 57.5546, 54.1455



64.2065, 54.4792, 48.7804



62.0395, 67.7289, 99.4259



17.2765, 17.2380, 18.0460



20.9588, 10.7993, 1.2257



1.9520, 1.0045, 0.1708

Previews

White Background



This preview shows how the XYZ color 64.8633, 57.5519, 54.1443 looks on a white background.

Color Contrast Check

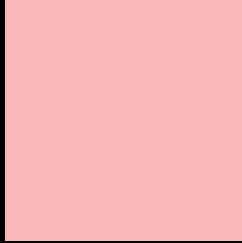
Large Text (above 18pt) WCAG AA × Fail

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 64.8633, 57.5519, 54.1443 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 64.8633, 57.5519, 54.1443

Background



This preview shows how black text looks on a background with the XYZ color 64.8633, 57.5519, 54.1443.



This preview shows how white text looks on a background with the XYZ color 64.8633, 57.5519,

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

64.8633, 57.5519, 54.1443

Protanopia

55.4506, 57.7661, 59.8572

Deuteranopia

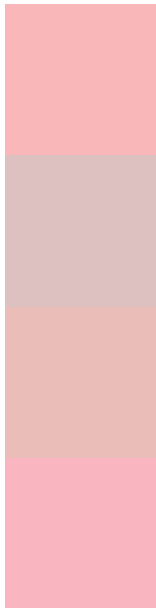
58.7730, 57.6082, 53.3692



Tritanopia

66.0026, 57.7200, 59.2921

Trichromacy



Original Color

64.8633, 57.5519, 54.1443

Protanomaly

58.4032, 57.3179, 57.8544

Deuteranomaly

60.8862, 57.3904, 53.7673

Tritanomaly

65.6667, 57.5857, 57.5233

Monochromacy



Original Color

64.8633, 57.5519, 54.1443

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

59.3332, 58.7267, 61.0315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.8633, 57.5519, 54.1443 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(249, 183, 186)` looks like.

```
.text, #text, p{  
    color:rgb(249, 183, 186)  
}
```

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(249, 183, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 183, 186) }
```

Border

The CSS property to change the border of an element to XYZ 64.8633, 57.5519, 54.1443 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(249, 183, 186) }
```


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

```
.border{ border-color:rgb(249, 183, 186) }
```

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

Here you see how a box with a 4 pixel rgb(249, 183, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 183, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 183, 186);  
box-shadow:4px 4px 4px 4px rgb(249, 183,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 64.8633, 57.5519, 54.1443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 183, 186) }
```

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

```
.background{ background-color: rgb(249,  
183, 186) }
```

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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