

# Converting Colors

XYZ(65.5100, 57.6940, 54.1541)

Have a look what the booklet for  
XYZ(65.5100, 57.6940, 54.1541)  
contains.

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# Color

**XYZ(65.3745, 57.5103,  
54.1094)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBB6BA
RGB	251, 182, 186
RGB Percent	98%, 71%, 73%
CMY	0.0157, 0.2862, 0.2706
CMYK	0.00, 0.27, 0.26, 0.02
HSL	357°, 90%, 85%
HSV	357°, 27%, 98%
XYZ	65.3745, 57.5103, 54.1094
YIQ	203.0870, 39.8400, 15.8720

# Conversions

## Conversions Part 2

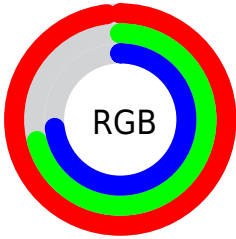
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	251, 182, 186
Decimal	16496314
CIE Lab	80.47, 25.56, 7.90
CIE LCh	80, 26.754, 17.183
Yxy	57.5103, 0.3694, 0.3249
Android (android.graphics.Color)	4294686394 (0xFFFBB6BA)
YUV	203.0870, -8.4239, 42.0197
Hunter-Lab	75.8355, 21.1648, 10.7809

# Details

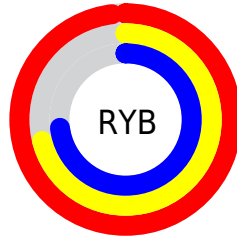
The XYZ color **65.3745, 57.5103, 54.1094** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.5795, 85.6561, 100.8132**, and the grayscale version is **56.8544, 59.8153, 65.1389**.

A 20% lighter version of the original color is **87.8415, 88.8199, 96.5186**, and **34.0762, 28.7314, 25.9400** is the 20% darker color. If you saturate the color by 10%, you get **58.3780, 47.2128, 40.3841**, and if you desaturate by 10%, it is **73.7114, 69.8221, 70.3351**.

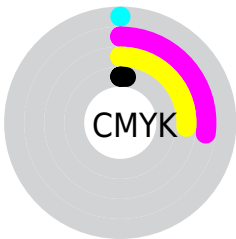
# Distribution



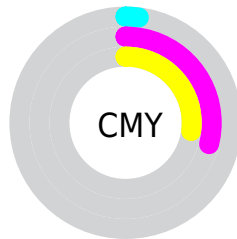
- Red (98%)
- Green (71%)
- Blue (73%)



- Red (98%)
- Yellow (71%)
- Blue (73%)



- Cyan (0%)
- Magenta (27%)
- Yellow (26%)
- Black (2%)




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

# Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3745, 57.5103, 54.1094 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 65.3745, 57.5103, 54.1094 by changing the saturation by 10% instead.





 65.3745, 57.5103,  
54.1094

 65.3745, 57.5103,  
54.1094


433.6605,  
415.3587, 419.7135

 48.0306, 41.4151,  
38.2954


 111.6508,  
101.2094, 97.6929

 34.0625, 28.6436,  
25.9084


141.3140,  
129.5821, 126.2994

 23.1047, 18.8114,  
16.5300

175.8143,  
162.8160, 160.0072

 14.7920, 11.5340,  
9.7415

215.5171,  
201.2956, 199.2347

 8.7589, 6.4273,  
5.1246

260.7878,  
245.4053, 244.4006

 4.6401, 3.1066,  
2.2605

311.9917,

 2.0702, 1.1876,

295.5295, 295.9233

0.7090

369.4941,  
352.0525, 354.2214

0.6730, 0.0516,  
0.0000

0.0000, 0.0000,  
0.0000

65.3745, 57.5103,  
54.1094

65.3745, 57.5103,  
54.1094

58.3780, 47.2128,  
40.3841

73.7114, 69.8221,  
70.3351

52.6477, 38.8149,  
29.0316

83.4486, 84.2388,  
89.1731

48.1089, 32.2027,  
19.9183

93.5937, 99.2493,  
108.8318

44.6777, 27.2472,  
12.8961

■ 42.2589, 23.8015,  
7.7987

■ 40.7413, 21.6934,  
4.4348

■ 39.9827, 20.6984,  
2.5721

■ 39.8667, 20.5424,  
2.2986

# Harmonies

## Analogous

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



65.6092, 57.5103, 69.5646



65.3745, 57.5103, 54.1094



62.1513, 57.5103, 42.9658

# Triad

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



65.3745, 57.5103, 54.1094



47.2817, 57.5103, 44.2444



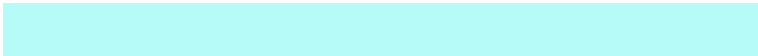
52.3544, 57.5103, 96.9472

# Complementary

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



65.3745, 57.5103, 54.1094



70.5795, 85.6561, 100.8132

# 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.



47.7996, 57.5103, 87.5029



65.3745, 57.5103, 54.1094



45.0054, 57.5103, 56.1517

# Square

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



65.3745, 57.5103, 54.1094



51.6036, 57.5103, 37.9589



45.1884, 57.5103, 71.9769



57.8385, 57.5103, 96.1521



# Rectangle

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



65.3745, 57.5103, 54.1094



58.8565, 57.5103, 38.6912



45.1884, 57.5103, 71.9769



50.6714, 57.5103, 94.8062

# Sweetspot

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



65.3761, 57.5130, 54.1106



85.9425, 86.4913, 91.3552



72.2886, 60.0889, 99.0553



18.0520, 18.0041, 18.8911



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.



65.3761, 57.5130, 54.1106



63.5836, 53.4528, 47.8968



71.7473, 70.9258, 54.1680



17.2854, 17.2415, 18.0924



20.9719, 10.8045, 1.2945



1.9562, 1.0062, 0.1929



# Inverse Universe

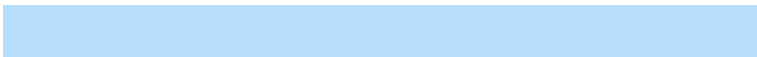
The Inverse Universe completely reimagines the original color for something new.



65.3761, 57.5130, 54.1106



63.5836, 53.4528, 47.8968



62.5891, 68.6781, 101.2244



17.2854, 17.2415, 18.0924



20.9719, 10.8045, 1.2945

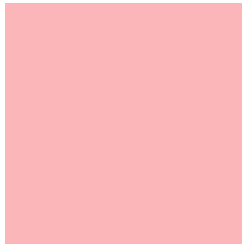


1.9562, 1.0062, 0.1929



# Previews

## White Background



This preview shows how the XYZ color 65.3745, 57.5103, 54.1094 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

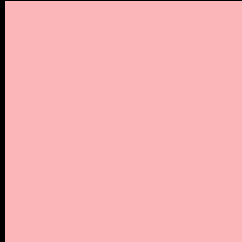
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 65.3745, 57.5103, 54.1094 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

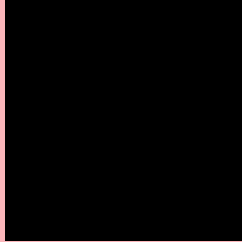
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 65.3745, 57.5103, 54.1094

## Background



This preview shows how black text looks on a background with the XYZ color 65.3745, 57.5103, 54.1094.



This preview shows how white text looks on a background with the XYZ color 65.3745, 57.5103,



# 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

65.3745, 57.5103, 54.1094

### Protanopia

55.4506, 57.7661, 59.8572

### Deuteranopia

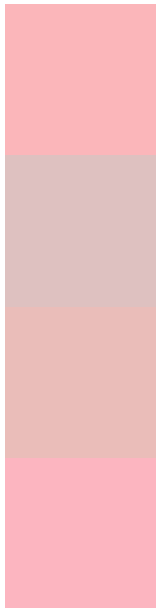
58.7730, 57.6082, 53.3692



## Tritanopia

66.5191, 57.6833, 59.2578

# Trichromacy



## Original Color

65.3745, 57.5103, 54.1094

## Protanomaly

58.7086, 57.4753, 57.8687

## Deuteranomaly

60.8862, 57.3904, 53.7673

## Tritanomaly

66.1832, 57.5490, 57.4890

# Monochromacy



## Original Color

65.3745, 57.5103, 54.1094

## Achromatopsia

56.7640, 59.7202, 65.0353

## Achromatomaly

59.1084, 58.2771, 60.9566

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 65.3745, 57.5103, 54.1094 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, 182, 186)` looks like.

```
.text, #text, p{  
    color:rgb(251, 182, 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(251, 182, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 182, 186) }
```

## Border

The CSS property to change the border of an element to XYZ 65.3745, 57.5103, 54.1094 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, 182, 186) }
```



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

```
.border{ border-color:rgb(251, 182, 186) }
```

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

Here you see how a box with a 4 pixel rgb(251, 182, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 182, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 182, 186);  
box-shadow:4px 4px 4px 4px rgb(251, 182,  
186) }
```

# Background

The CSS property to change the background color of an element to XYZ 65.3745, 57.5103, 54.1094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 182, 186) }
```

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

```
.background{ background-color: rgb(251,  
182, 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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