

Converting Colors

XYZ(66.3795, 57.3970, 53.9075)

Have a look what the booklet for
XYZ(66.3795, 57.3970, 53.9075)
contains.

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Color

**XYZ(66.4242, 57.4477,
54.0420)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB4BA
RGB	255, 180, 186
RGB Percent	100%, 71%, 73%
CMY	0.0000, 0.2941, 0.2706
CMYK	0.00, 0.29, 0.27, 0.00
HSL	355°, 100%, 85%
HSV	355°, 29%, 100%
XYZ	66.4242, 57.4477, 54.0420
YIQ	203.1090, 42.7740, 17.7660

Conversions

Conversions Part 2

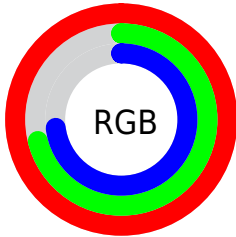
Format	Color
R _Y B	255, 180, 186
Decimal	16757946
CIE Lab	80.43, 28.06, 7.91
CIE LCh	80, 29.154, 15.741
Yxy	57.4477, 0.3734, 0.3229
Android (android.graphics.Color)	4294948026 (0xFFFFB4BA)
YUV	203.1090, -8.4347, 45.5084
Hunter-Lab	75.7943, 23.7930, 10.7817

Details

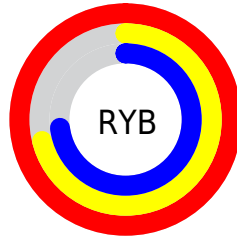
The XYZ color **66.4242, 57.4477, 54.0420** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.6836, 88.0639, 102.8466**, and the grayscale version is **56.8670, 59.8285, 65.1532**.

A 20% lighter version of the original color is **87.2625, 87.6617, 96.3256**, and **34.8490, 28.7425, 25.9014** is the 20% darker color. If you saturate the color by 10%, you get **59.4491, 47.1666, 40.4053**, and if you desaturate by 10%, it is **74.7587, 69.7917, 70.1535**.

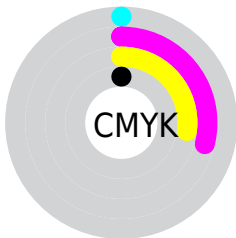
Distribution



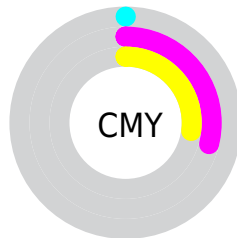
- Red (100%)
- Green (71%)
- Blue (73%)



- Red (100%)
- Yellow (71%)
- Blue (73%)



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.4242, 57.4477, 54.0420 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 66.4242, 57.4477, 54.0420 by changing the saturation by 10% instead.


 66.4242, 57.4477,
54.0420

 66.4242, 57.4477,
54.0420


437.3572,
415.1248, 419.4493

 48.8858, 41.3648,
38.2418


 113.1493,
101.1181, 97.5929

 34.7431, 28.6042,
25.8672


143.0668,
129.4745, 126.1808

 23.6306, 18.7816,
16.4994


177.8413,
162.6907, 159.8683

 15.1831, 11.5126,
9.7201

217.8382,
201.1513, 199.0740

 9.0351, 6.4127,
5.1106

263.4229,
245.2406, 244.2164

 4.8214, 3.0976,
2.2524


314.9607,

 2.1765, 1.1829,


295.3430, 295.7140


0.7044


372.8170,
351.8430, 353.9855


 0.7303, 0.0477,
0.0000


 0.0000, 0.0000,
0.0000


 66.4242, 57.4477,
54.0420


 66.4242, 57.4477,
54.0420

 59.4491, 47.1666,
40.4053


 74.7587, 69.7917,
70.1535

 53.7570, 38.8286,
29.1175

 84.5149, 84.2943,
88.8502

 49.2709, 32.3136,
20.0466

95.0500, 100.0000,
108.9000

 45.9034, 27.4851,
13.0466

■ 43.5554, 24.1873,
7.9535

■ 42.1102, 22.2354,
4.5785

■ 41.3990, 21.3497,
2.6864

■ 41.3697, 21.3119,
2.6131

Harmonies

Analogous

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



66.5119, 57.4477, 71.0105



66.4242, 57.4477, 54.0420



63.0197, 57.4477, 41.8203

Triad

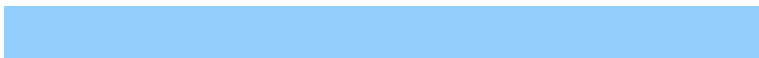
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.4242, 57.4477, 54.0420



46.7801, 57.4477, 42.2821



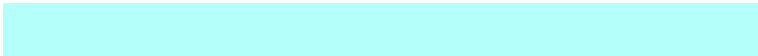
51.8210, 57.4477, 100.1687

Complementary

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



66.4242, 57.4477, 54.0420



71.6836, 88.0639, 102.8466

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.



46.9699, 57.4477, 89.2003



66.4242, 57.4477, 54.0420



44.2067, 57.4477, 54.7911

Square

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



66.4242, 57.4477, 54.0420



51.5443, 57.4477, 35.9245



44.2735, 57.4477, 71.9089



57.7789, 57.4477, 99.8675

Rectangle

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



66.4242, 57.4477, 54.0420



59.4602, 57.4477, 37.0919



44.2735, 57.4477, 71.9089



50.0165, 57.4477, 97.6014

Sweetspot

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



66.4256, 57.4503, 54.0431



84.9454, 84.9353, 89.6721



73.3506, 59.9590, 102.3150



17.8566, 17.6956, 18.5725



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.



66.4256, 57.4503, 54.0431



62.3625, 51.4543, 46.1214



72.8362, 71.2703, 53.1011



18.0683, 18.0106, 18.9768



21.6371, 11.1441, 1.4734



2.1260, 1.0928, 0.2452

Inverse Universe

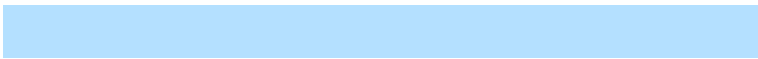
The Inverse Universe completely reimagines the original color for something new.



66.4256, 57.4503, 54.0431



62.3625, 51.4543, 46.1214



63.4631, 70.1025, 104.7940



18.0683, 18.0106, 18.9768



21.6371, 11.1441, 1.4734



2.1260, 1.0928, 0.2452

Previews

White Background



This preview shows how the XYZ color 66.4242, 57.4477, 54.0420 looks on a white background.

Color Contrast Check

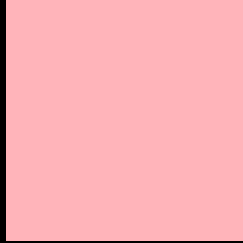
Large Text (above 18pt) WCAG AA × Fail

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 66.4242, 57.4477, 54.0420 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 66.4242, 57.4477, 54.0420

Background



This preview shows how black text looks on a background with the XYZ color 66.4242, 57.4477, 54.0420.



This preview shows how white text looks on a background with the XYZ color 66.4242, 57.4477,

54.0420.

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

66.4242, 57.4477, 54.0420

Protanopia

55.2891, 57.6697, 60.4419

Deuteranopia

58.7730, 57.6082, 53.3692



Tritanopia

66.9857, 57.3505, 57.9913

Trichromacy



Original Color

66.4242, 57.4477, 54.0420



Protanomaly

58.7955, 57.1930, 57.8097



Deuteranomaly

61.3322, 57.3021, 53.7268



Tritanomaly

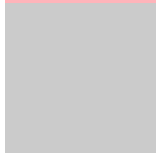
66.6544, 57.2179, 56.2463

Monochromacy



Original Color

66.4242, 57.4477, 54.0420



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

59.7174, 58.5910, 60.9851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4242, 57.4477, 54.0420 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(255, 180, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 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(255, 180, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 186) }
```

Border

The CSS property to change the border of an element to XYZ 66.4242, 57.4477, 54.0420 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(255, 180, 186) }
```


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

```
.border{ border-color:rgb(255, 180, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 180, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4242, 57.4477, 54.0420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 186) }
```

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

```
.background{ background-color: rgb(255,  
180, 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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