

Converting Colors

XYZ(64.3011, 57.4570, 59.3339)

Have a look what the booklet for
XYZ(64.3011, 57.4570, 59.3339)
contains.

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Color

**XYZ(64.2990, 57.4542,
59.3306)**

Conversions

Conversions Part 1

Format	Color
Hex	F4B8C3
RGB	244, 184, 195
RGB Percent	96%, 72%, 76%
CMY	0.0431, 0.2784, 0.2353
CMYK	0.00, 0.25, 0.20, 0.04
HSL	349°, 73%, 84%
HSV	349°, 25%, 96%
XYZ	64.2990, 57.4542, 59.3306
YIQ	203.1940, 32.2290, 16.1410

Conversions

Conversions Part 2

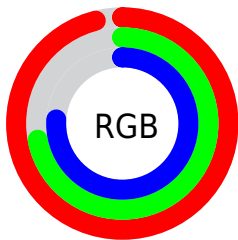
Format	Color
R_{YB}	244, 184, 195
Decimal	16038083
CIE _{Lab}	80.43, 23.26, 2.91
CIE _{LCh}	80, 23.442, 7.130
Yxy	57.4542, 0.3551, 0.3173
Android (android.graphics.Color)	4294228163 (0xFF4B8C3)
YUV	203.1940, -4.0396, 35.7869
Hunter-Lab	75.7985, 18.7719, 6.6503

Details

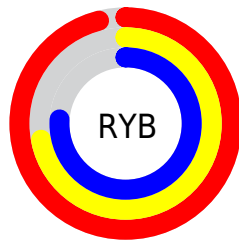
The XYZ color **64.2990, 57.4542, 59.3306** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.8281, 80.7762, 89.1638**, and the grayscale version is **56.8983, 59.8615, 65.1892**.

A 20% lighter version of the original color is **89.8127, 90.5452, 104.0101**, and **33.4175, 28.7205, 28.9816** is the 20% darker color. If you saturate the color by 10%, you get **57.5560, 47.3364, 46.6984**, and if you desaturate by 10%, it is **72.2201, 69.4459, 73.8405**.

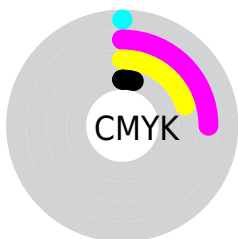
Distribution



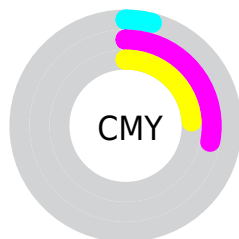
- Red (96%)
- Green (72%)
- Blue (76%)



- Red (96%)
- Yellow (72%)
- Blue (76%)



- Cyan (0%)
- Magenta (25%)
- Yellow (20%)
- Black (4%)





- Cyan (4%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.2990, 57.4542, 59.3306 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 64.2990, 57.4542, 59.3306 by changing the saturation by 10% instead.


 64.2990, 57.4542,
59.3306

 64.2990, 57.4542,
59.3306


429.8537,
415.1491, 439.8619

 47.1555, 41.3700,
42.4575


 110.1128,
101.1276, 105.3918

 33.3670, 28.6083,
29.1315


139.5137,
129.4856, 135.4171

 22.5684, 18.7847,
18.9339

173.7312,
162.7037, 170.6635

 14.3940, 11.5148,
11.4462

213.1305,
201.1663, 211.5497

 8.4788, 6.4142,
6.2499

258.0771,
245.2577, 258.4940

 4.4572, 3.0986,
2.9264

308.9362,

 1.9639, 1.1834,

295.3624, 311.9152

1.0572

366.0733,
351.8647, 372.2316

■ 0.6136, 0.0481,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.2990, 57.4542,
59.3306

■ 64.2990, 57.4542,
59.3306

■ 57.5560, 47.3364,
46.6984

■ 72.2201, 69.4459,
73.8405

■ 51.9297, 38.9901,
35.8630

■ 81.3673, 83.3912,
90.2971

■ 47.3601, 32.3151,
26.7430

■ 91.0839, 97.9594,
108.5346

■ 43.7798, 27.1982,
19.2491

■ 91.1184, 97.9732,
108.7160

■ 41.1133, 23.5118,
13.2838

■ 39.2738, 21.1083,
8.7387

■ 38.1567, 19.8070,
5.4901

■ 37.7766, 19.4205,
4.2118

Harmonies

Analogous

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



63.5716, 57.4542, 73.4154



64.2990, 57.4542, 59.3306



62.3109, 57.4542, 47.9062

Triad

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



64.2990, 57.4542, 59.3306



49.2191, 57.4542, 43.7441



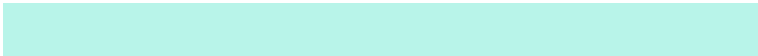
51.0959, 57.4542, 90.2430

Complementary

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



64.2990, 57.4542, 59.3306



66.8281, 80.7762, 89.1638

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.



47.5685, 57.4542, 79.9282



64.2990, 57.4542, 59.3306



46.5302, 57.4542, 52.8274

Square

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



64.2990, 57.4542, 59.3306



53.4697, 57.4542, 39.8037



45.9441, 57.4542, 65.9001



55.7634, 57.4542, 92.6586

Rectangle

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



64.2990, 57.4542, 59.3306



59.7780, 57.4542, 42.8613



45.9441, 57.4542, 65.9001



49.7459, 57.4542, 87.5182

Sweetspot

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



64.3006, 57.4568, 59.3318



87.3585, 88.2316, 95.1928



67.0757, 58.1390, 93.2750



18.5633, 18.6791, 20.1332



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.



64.3006, 57.4568, 59.3318



66.8323, 57.1290, 57.6765



67.3177, 65.4080, 54.4277



16.6231, 16.5321, 17.7621



20.5766, 10.5741, 2.4787



1.8419, 0.9427, 0.3939

Inverse Universe

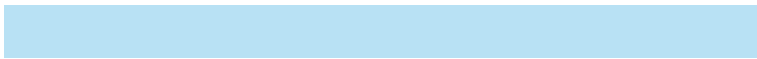
The Inverse Universe completely reimagines the original color for something new.



64.3006, 57.4568, 59.3318



66.8323, 57.1290, 57.6765



63.0236, 70.5744, 95.8888



16.6231, 16.5321, 17.7621



20.5766, 10.5741, 2.4787



1.8419, 0.9427, 0.3939

Previews

White Background



This preview shows how the XYZ color 64.2990, 57.4542, 59.3306 looks on a white background.

Color Contrast Check

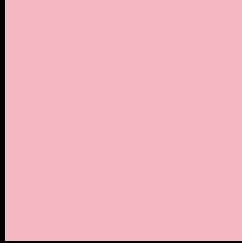
Large Text (above 18pt) WCAG AA × Fail

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 64.2990, 57.4542, 59.3306 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 64.2990, 57.4542, 59.3306

Background



This preview shows how black text looks on a background with the XYZ color 64.2990, 57.4542, 59.3306.



This preview shows how white text looks on a background with the XYZ color 64.2990, 57.4542,

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

64.2990, 57.4542, 59.3306

Protanopia

55.5600, 57.7152, 64.7117

Deuteranopia

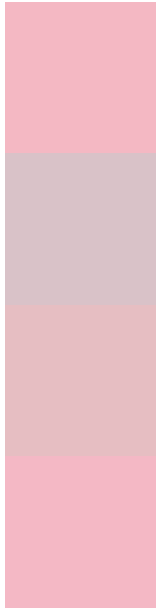
58.8198, 57.5198, 58.4544



Tritanopia

64.6418, 57.5913, 61.1353

Trichromacy



Original Color

64.2990, 57.4542, 59.3306

Protanomaly

58.3324, 57.5054, 62.6688

Deuteranomaly

60.7842, 57.5449, 58.9425

Tritanomaly

64.5268, 57.5453, 60.5297

Monochromacy



Original Color

64.2990, 57.4542, 59.3306

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

59.0787, 58.5554, 62.8321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2990, 57.4542, 59.3306 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(244, 184, 195)` looks like.

```
.text, #text, p{  
    color:rgb(244, 184, 195)  
}
```

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(244, 184, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 184, 195) }
```

Border

The CSS property to change the border of an element to XYZ 64.2990, 57.4542, 59.3306 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(244, 184, 195) }
```


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

```
.border{ border-color:rgb(244, 184, 195) }
```

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

Here you see how a box with a 4 pixel rgb(244, 184, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 184, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 184, 195);  
box-shadow:4px 4px 4px 4px rgb(244, 184,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2990, 57.4542, 59.3306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 184, 195) }
```

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

```
.background{ background-color: rgb(244,  
184, 195) }
```

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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