

Converting Colors

XYZ(64.8227, 60.0262, 57.5306)

Have a look what the booklet for
XYZ(64.8227, 60.0262, 57.5306)
contains.

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Color

**XYZ(64.6527, 59.9004,
57.4446)**

Conversions

Conversions Part 1

Format	Color
Hex	F2BFBF
RGB	242, 191, 191
RGB Percent	95%, 75%, 75%
CMY	0.0510, 0.2510, 0.2510
CMYK	0.00, 0.21, 0.21, 0.05
HSL	0°, 66%, 85%
HSV	0°, 21%, 95%
XYZ	64.6527, 59.9004, 57.4446
YIQ	206.2490, 30.3960, 10.8120

Conversions

Conversions Part 2

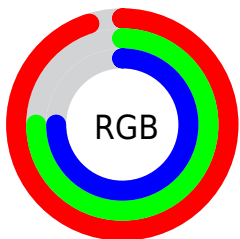
Format	Color
R _Y B	242, 191, 191
Decimal	15908799
CIE Lab	81.78, 18.25, 6.99
CIE LCh	82, 19.539, 20.950
Yxy	59.9004, 0.3552, 0.3291
Android (android.graphics.Color)	4294098879 (0xFFFF2BFBF)
YUV	206.2490, -7.5178, 31.3536
Hunter-Lab	77.3953, 13.6693, 10.1703

Details

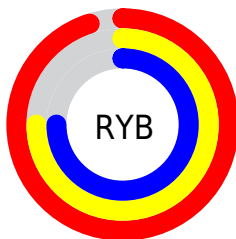
The XYZ color **64.6527, 59.9004, 57.4446** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.2643, 80.9893, 95.9867**, and the grayscale version is **58.8601, 61.9254, 67.4367**.

A 20% lighter version of the original color is **91.5959, 95.1102, 101.5262**, and **33.5407, 30.0406, 28.0754** is the 20% darker color. If you saturate the color by 10%, you get **57.3584, 49.2271, 42.9417**, and if you desaturate by 10%, it is **73.2622, 72.4987, 74.5581**.

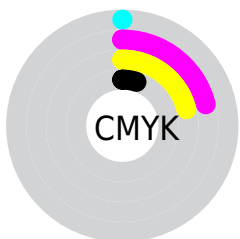
Distribution



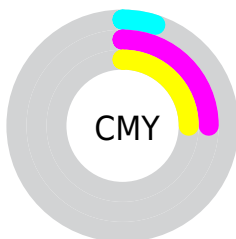
- Red (95%)
- Green (75%)
- Blue (75%)



- Red (95%)
- Yellow (75%)
- Blue (75%)



- Cyan (0%)
- Magenta (21%)
- Yellow (21%)
- Black (5%)




- Cyan (5%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.6527, 59.9004, 57.4446 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 64.6527, 59.9004, 57.4446 by changing the saturation by 10% instead.


 64.6527, 59.9004,
57.4446

 64.6527, 59.9004,
57.4446


431.1078,
424.2306, 432.6535

 47.4432, 43.3384,
40.9506


 110.6189,
104.6852, 102.6204

 33.5956, 30.1507,
27.9610


140.1063,
133.6767, 132.1392

 22.7445, 19.9530,
18.0575


174.4170,
167.5802, 166.8368

 14.5246, 12.3609,
10.8214

213.9164,
206.7800, 207.1315

 8.5706, 6.9900,
5.8342

258.9698,
251.6605, 253.4420

 4.5170, 3.4558,
2.6774

309.9426,

 1.9986, 1.3741,

302.6062, 306.1868

0.9320

367.2002,
360.0014, 365.7845

0.6332, 0.1975,
0.0000

0.0000, 0.0000,
0.0000

64.6527, 59.9004,
57.4446

64.6527, 59.9004,
57.4446

57.3584, 49.2271,
42.9417

73.2622, 72.4987,
74.5581

51.3099, 40.3765,
30.9176

83.2418, 87.1016,
94.3977

46.4391, 33.2490,
21.2349

90.4281, 97.6173,
108.6837

42.6693, 27.7326,
13.7411

■ 39.9148, 23.7019,
8.2657

■ 38.0773, 21.0128,
4.6132

■ 37.0388, 19.4931,
2.5494

■ 36.6184, 18.8778,
1.7138

Harmonies

Analogous

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



65.1163, 59.9004, 68.8535



64.6527, 59.9004, 57.4446



62.0688, 59.9004, 49.1484

Triad

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



64.6527, 59.9004, 57.4446



51.0032, 59.9004, 51.9532



55.6972, 59.9004, 90.2761

Complementary

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



64.6527, 59.9004, 57.4446



69.2643, 80.9893, 95.9867

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.



52.0896, 59.9004, 84.4642



64.6527, 59.9004, 57.4446



49.4667, 59.9004, 61.7193

Square

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



64.6527, 59.9004, 57.4446



54.1491, 59.9004, 46.2536



49.8546, 59.9004, 73.6701



59.8118, 59.9004, 88.7731

Rectangle

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



64.6527, 59.9004, 57.4446



59.5571, 59.9004, 46.0493



49.8546, 59.9004, 73.6701



54.3882, 59.9004, 89.0895

Sweetspot

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



64.6543, 59.9031, 57.4458



87.9959, 89.6779, 94.8763



71.2763, 62.5504, 92.3216



18.6778, 18.9651, 19.9954



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.



64.6543, 59.9031, 57.4458



69.3581, 62.4058, 57.8245



70.7067, 72.0078, 59.4633



15.7730, 15.7591, 16.3602



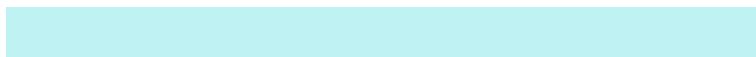
19.6716, 10.1414, 0.9207



1.6365, 0.8437, 0.0766

Inverse Universe

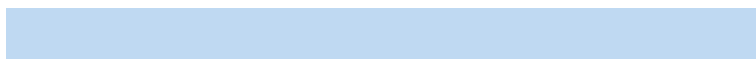
The Inverse Universe completely reimagines the original color for something new.



69.2643, 80.9893, 95.9867



75.3570, 89.8453, 107.9779



62.1977, 66.8562, 93.6312



16.2473, 17.9288, 20.3259



25.6641, 37.5524, 51.0236



2.1350, 3.1241, 4.2447

Previews

White Background



This preview shows how the XYZ color 64.6527, 59.9004, 57.4446 looks on a white background.

Color Contrast Check

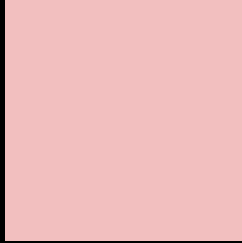
Large Text (above 18pt) WCAG AA × Fail

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 64.6527, 59.9004, 57.4446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

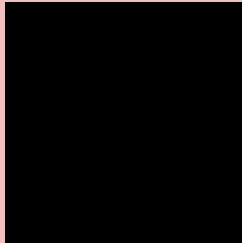
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.6527, 59.9004, 57.4446

Background



This preview shows how black text looks on a background with the XYZ color 64.6527, 59.9004, 57.4446.



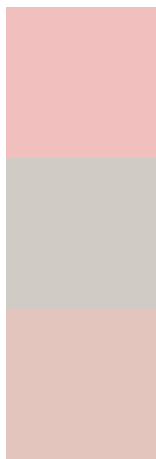
This preview shows how white text looks on a background with the XYZ color 64.6527, 59.9004,

57.4446.

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

64.6527, 59.9004, 57.4446

Protanopia

57.7285, 60.2984, 61.4195

Deuteranopia

61.2554, 60.1442, 57.0957



Tritanopia

66.0588, 59.8095, 65.1895

Trichromacy



Original Color

64.6527, 59.9004, 57.4446

Protanomaly

60.0925, 60.1591, 60.0744

Deuteranomaly

62.4136, 60.0716, 57.0206

Tritanomaly

65.6844, 60.0051, 62.1530

Monochromacy



Original Color

64.6527, 59.9004, 57.4446

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.6427, 61.0504, 63.8460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6527, 59.9004, 57.4446 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(242, 191, 191)` looks like.

```
.text, #text, p{  
    color:rgb(242, 191, 191)  
}
```

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(242, 191, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 191, 191) }
```

Border

The CSS property to change the border of an element to XYZ 64.6527, 59.9004, 57.4446 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(242, 191, 191) }
```


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

```
.border{ border-color:rgb(242, 191, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 191, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 191, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 191, 191);  
box-shadow:4px 4px 4px 4px rgb(242, 191,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6527, 59.9004, 57.4446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 191, 191) }
```

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

```
.background{ background-color: rgb(242,  
191, 191) }
```

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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