

Converting Colors

XYZ(63.4372, 57.0435, 56.7964)

Have a look what the booklet for
XYZ(63.4372, 57.0435, 56.7964)
contains.

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Color

**XYZ(63.5066, 57.0973,
56.9639)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F3B8BF |
| RGB | 243, 184, 191 |
| RGB Percent | 95%, 72%, 75% |
| CMY | 0.0471, 0.2784, 0.2510 |
| CMYK | 0.00, 0.24, 0.21, 0.05 |
| HSL | 353°, 71%, 84% |
| HSV | 353°, 24%, 95% |
| XYZ | 63.5066, 57.0973, 56.9639 |
| YIQ | 202.4390, 32.9170, 14.6850 |

Conversions

Conversions Part 2

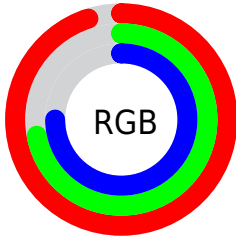
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 243, 184, 191 |
| Decimal | 15972543 |
| CIE _{Lab} | 80.23, 22.31, 4.77 |
| CIE _{LCh} | 80, 22.817, 12.058 |
| Yxy | 57.0973, 0.3576, 0.3216 |
| Android (android.graphics.Color) | 4294162623 (0xFFFF3B8BF) |
| YUV | 202.4390, -5.6394, 35.5720 |
| Hunter-Lab | 75.5628, 17.7852, 8.1974 |

Details

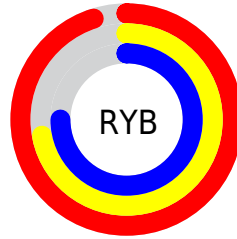
The XYZ color **63.5066, 57.0973, 56.9639** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.9605, 80.3490, 91.3407**, and the grayscale version is **56.4343, 59.3733, 64.6575**.

A 20% lighter version of the original color is **89.1886, 90.2956, 100.7237**, and **32.9534, 28.5067, 27.8103** is the 20% darker color. If you saturate the color by 10%, you get **56.6985, 46.9811, 43.9034**, and if you desaturate by 10%, it is **71.5296, 69.0907, 72.1313**.

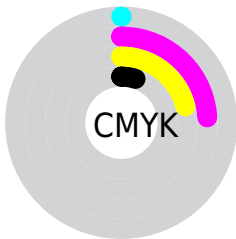
Distribution



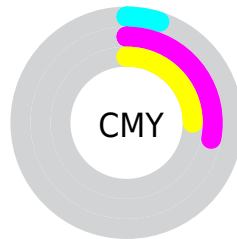
- Red (95%)
- Green (72%)
- Blue (75%)



- Red (95%)
- Yellow (72%)
- Blue (75%)



- Cyan (0%)
- Magenta (24%)
- Yellow (21%)
- Black (5%)





- Cyan (5%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.5066, 57.0973, 56.9639 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 63.5066, 57.0973, 56.9639 by changing the saturation by 10% instead.


 63.5066, 57.0973,
56.9639

 63.5066, 57.0973,
56.9639

427.0362,
413.8138, 430.8040

 46.5114, 41.0834,
40.5671


 108.9778,
100.6071, 101.9123

 32.8559, 28.3842,
27.6638


138.1844,
128.8718, 131.3010

 22.1747, 18.6155,
17.8356


172.1922,
161.9889, 165.8574

 14.1027, 11.3928,
10.6638

211.3665,
200.3428, 206.0001

 8.2743, 6.3317,
5.7299

256.0727,
244.3178, 252.1475

 4.3242, 3.0478,
2.6154

306.6762,

 1.8872, 1.1567,

294.2984, 304.7183

0.9004

363.5422,
350.6689, 364.1309

■ 0.5694, 0.0259,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.5066, 57.0973,
56.9639

■ 63.5066, 57.0973,
56.9639

■ 56.6985, 46.9811,
43.9034

■ 71.5296, 69.0907,
72.1313

■ 51.0413, 38.6395,
32.8530

■ 80.8180, 83.0411,
89.4894

■ 46.4725, 31.9725,
23.7136

■ 90.7723, 97.7948,
108.6998

■ 42.9214, 26.8664,
16.3762

■ 40.3092, 23.1939,
10.7209

■ 38.5450, 20.8074,
6.6128

■ 37.5195, 19.5269,
3.8958

■ 37.1818, 19.1426,
2.8855

Harmonies

Analogous

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



63.2428, 57.0973, 70.4095



63.5066, 57.0973, 56.9639



61.1936, 57.0973, 46.5225

Triad

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



63.5066, 57.0973, 56.9639



48.4886, 57.0973, 45.0049



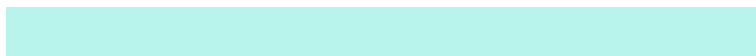
51.5570, 57.0973, 89.9009

Complementary

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



63.5066, 57.0973, 56.9639



66.9605, 80.3490, 91.3407

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.



47.8881, 57.0973, 80.9813



63.5066, 57.0973, 56.9639



46.1875, 57.0973, 54.5984

Square

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



63.5066, 57.0973, 56.9639



52.4199, 57.0973, 40.3094



45.9741, 57.0973, 67.6824



56.1616, 57.0973, 90.7751

Rectangle

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



63.5066, 57.0973, 56.9639



58.5746, 57.0973, 42.1527



45.9741, 57.0973, 67.6824



50.1802, 57.0973, 87.6908

Sweetspot

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



63.5082, 57.0999, 56.9651



87.1870, 88.1630, 94.2899



67.6249, 58.4397, 92.5102



18.5237, 18.6633, 19.9248



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.



63.5082, 57.0999, 56.9651



67.0485, 58.0379, 56.2798



67.5988, 66.4839, 54.6206



16.5790, 16.5145, 17.5298



20.4317, 10.5161, 1.7157



1.8211, 0.9344, 0.2841

Inverse Universe

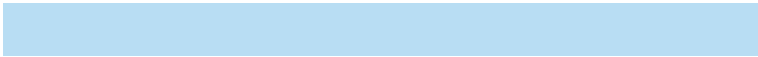
The Inverse Universe completely reimagines the original color for something new.



63.5082, 57.0999, 56.9651



67.0485, 58.0379, 56.2798



61.9004, 68.5703, 94.7673



16.5790, 16.5145, 17.5298



20.4317, 10.5161, 1.7157



1.8211, 0.9344, 0.2841

Previews

White Background



This preview shows how the XYZ color 63.5066, 57.0973, 56.9639 looks on a white background.

Color Contrast Check

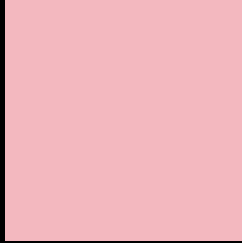
Large Text (above 18pt) WCAG AA × Fail

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 63.5066, 57.0973, 56.9639 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 63.5066, 57.0973, 56.9639

Background



This preview shows how black text looks on a background with the XYZ color 63.5066, 57.0973, 56.9639.



This preview shows how white text looks on a background with the XYZ color 63.5066, 57.0973, 56.9639.

56.9639.

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

63.5066, 57.0973, 56.9639

Protanopia

55.1315, 57.2082, 62.1694

Deuteranopia

58.3795, 57.3436, 56.1356



Tritanopia

64.3198, 57.1313, 60.4607

Trichromacy



Original Color

63.5066, 57.0973, 56.9639

Protanomaly

57.9472, 57.0309, 60.1785

Deuteranomaly

60.3408, 57.3676, 56.6079

Tritanomaly

64.0920, 57.0402, 59.2616

Monochromacy



Original Color

63.5066, 57.0973, 56.9639

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

58.3234, 57.8591, 61.5200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5066, 57.0973, 56.9639 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(243, 184, 191)` looks like.

```
.text, #text, p{  
    color:rgb(243, 184, 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(243, 184, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 184, 191) }
```

Border

The CSS property to change the border of an element to XYZ 63.5066, 57.0973, 56.9639 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(243, 184, 191) }
```


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

```
.border{ border-color:rgb(243, 184, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 184, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 184, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 184, 191);  
box-shadow:4px 4px 4px 4px rgb(243, 184,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5066, 57.0973, 56.9639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 184, 191) }
```

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

```
.background{ background-color: rgb(243,  
184, 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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