

Converting Colors

XYZ(65.8368, 58.5770, 56.0396)

Have a look what the booklet for
XYZ(65.8368, 58.5770, 56.0396)
contains.

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Color

**XYZ(65.9586, 58.6960,
55.9972)**

Conversions

Conversions Part 1

Format	Color
Hex	FAB9BD
RGB	250, 185, 189
RGB Percent	98%, 73%, 74%
CMY	0.0196, 0.2745, 0.2588
CMYK	0.00, 0.26, 0.24, 0.02
HSL	356°, 87%, 85%
HSV	356°, 26%, 98%
XYZ	65.9586, 58.6960, 55.9972
YIQ	204.8910, 37.4560, 15.0240

Conversions

Conversions Part 2

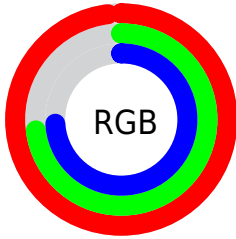
Format	Color
R _Y B	250, 185, 189
Decimal	16431549
CIE Lab	81.12, 24.03, 7.22
CIE LCh	81, 25.093, 16.717
Yxy	58.6960, 0.3651, 0.3249
Android (android.graphics.Color)	4294621629 (0xFFFA9BD)
YUV	204.8910, -7.8343, 39.5606
Hunter-Lab	76.6133, 19.6025, 10.2939

Details

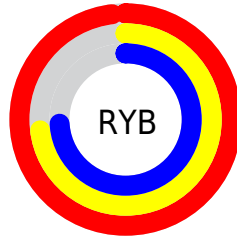
The XYZ color **65.9586, 58.6960, 55.9972** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.8302, 85.3407, 99.9322**, and the grayscale version is **57.9919, 61.0120, 66.4421**.

A 20% lighter version of the original color is **89.1767, 90.7632, 99.2051**, and **34.2985, 29.2166, 27.1242** is the 20% darker color. If you saturate the color by 10%, you get **58.8370, 48.2040, 42.0579**, and if you desaturate by 10%, it is **74.4150, 71.1972, 72.4154**.

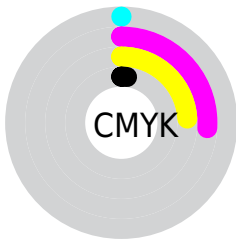
Distribution



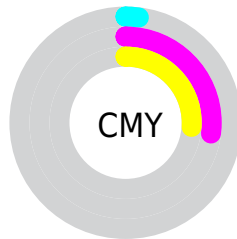
- Red (98%)
- Green (73%)
- Blue (74%)



- Red (98%)
- Yellow (73%)
- Blue (74%)



- Cyan (0%)
- Magenta (26%)
- Yellow (24%)
- Black (2%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.9586, 58.6960, 55.9972 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 65.9586, 58.6960, 55.9972 by changing the saturation by 10% instead.


 65.9586, 58.6960,
55.9972

 65.9586, 58.6960,
55.9972


435.7198,
419.7744, 427.0690

 48.5064, 42.3684,
39.7967

 112.4850,
102.9357, 100.4862

 34.4410, 29.3899,
27.0675


142.2898,
131.6166, 129.6119

 23.3971, 19.3760,
17.3910


176.9429,
165.1842, 163.8829

 15.0093, 11.9423,
10.3488

216.8097,
204.0227, 203.7180

 8.9123, 6.7044,
5.5222

262.2554,
248.5166, 249.5356

 4.7406, 3.2779,
2.4927

313.6454,

 2.1291, 1.2785,

299.0502, 301.7542

0.8363

371.3451,
356.0080, 360.7925

0.7050, 0.1245,
0.0000

0.0000, 0.0000,
0.0000

65.9586, 58.6960,
55.9972

65.9586, 58.6960,
55.9972

58.8370, 48.2040,
42.0579

74.4150, 71.1972,
72.4154

52.9774, 39.6089,
30.4737

84.2645, 85.7962,
91.4211

48.3076, 32.7998,
21.1156

93.2345, 99.0641,
108.8150

44.7458, 27.6509,
13.8406

■ 42.2001, 24.0202,
8.4893

■ 40.5638, 21.7417,
4.8790

■ 39.7060, 20.6104,
2.7916

■ 39.5134, 20.3596,
2.3130

Harmonies

Analogous

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



66.1327, 58.6960, 70.7411



65.9586, 58.6960, 55.9972



62.9531, 58.6960, 45.1939

Triad

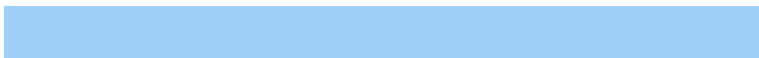
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.9586, 58.6960, 55.9972



48.8000, 58.6960, 46.1668



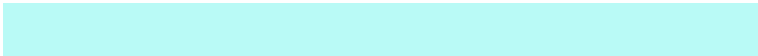
53.5154, 58.6960, 96.1473

Complementary

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



65.9586, 58.6960, 55.9972



70.8302, 85.3407, 99.9322

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.



49.1898, 58.6960, 87.1890



65.9586, 58.6960, 55.9972



46.5840, 58.6960, 57.5334

Square

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



65.9586, 58.6960, 55.9972



52.9528, 58.6960, 40.1541



46.7220, 58.6960, 72.5351



58.7243, 58.6960, 95.5636

Rectangle

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



65.9586, 58.6960, 55.9972



59.8488, 58.6960, 40.9855



46.7220, 58.6960, 72.5351



51.9167, 58.6960, 94.0993

Sweetspot

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



65.9602, 58.6987, 55.9984



85.9530, 86.4955, 91.4108



72.4951, 61.1354, 98.4223



18.0546, 18.0052, 18.9049



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.



65.9602, 58.6987, 55.9984



65.0765, 55.6194, 50.9193



72.0192, 71.5013, 55.9076



17.2879, 17.2425, 18.1057



20.9759, 10.8061, 1.3153



1.9574, 1.0067, 0.1992

Inverse Universe

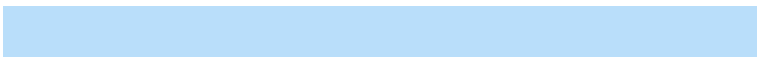
The Inverse Universe completely reimagines the original color for something new.



65.9602, 58.6987, 55.9984



65.0765, 55.6194, 50.9193



63.3422, 69.3728, 100.4947



17.2879, 17.2425, 18.1057



20.9759, 10.8061, 1.3153



1.9574, 1.0067, 0.1992

Previews

White Background



This preview shows how the XYZ color 65.9586, 58.6960, 55.9972 looks on a white background.

Color Contrast Check

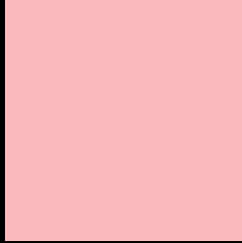
Large Text (above 18pt) WCAG AA × Fail

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 65.9586, 58.6960, 55.9972 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 65.9586, 58.6960, 55.9972

Background



This preview shows how black text looks on a background with the XYZ color 65.9586, 58.6960, 55.9972.



This preview shows how white text looks on a background with the XYZ color 65.9586, 58.6960,

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

65.9586, 58.6960, 55.9972

Protanopia

56.5333, 58.9723, 61.8293

Deuteranopia

60.1633, 58.9490, 55.2210



Tritanopia

67.1172, 58.8674, 61.2512

Trichromacy



Original Color

65.9586, 58.6960, 55.9972

Protanomaly

59.4896, 58.4999, 59.7859

Deuteranomaly

61.9689, 58.5546, 55.6130

Tritanomaly

66.7745, 58.7303, 59.4465

Monochromacy



Original Color

65.9586, 58.6960, 55.9972

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

60.3217, 59.8838, 62.4123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9586, 58.6960, 55.9972 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(250, 185, 189)` looks like.

```
.text, #text, p{  
    color:rgb(250, 185, 189)  
}
```

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(250, 185, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 185, 189) }
```

Border

The CSS property to change the border of an element to XYZ 65.9586, 58.6960, 55.9972 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(250, 185, 189) }
```


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

```
.border{ border-color:rgb(250, 185, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 185, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 185, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 185, 189);  
box-shadow:4px 4px 4px 4px rgb(250, 185,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9586, 58.6960, 55.9972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 185, 189) }
```

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

```
.background{ background-color: rgb(250,  
185, 189) }
```

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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