

Converting Colors

XYZ(65.6860, 58.5046, 58.2826)

Have a look what the booklet for
XYZ(65.6860, 58.5046, 58.2826)
contains.

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Color

**XYZ(65.6860, 58.5046,
58.2826)**

Conversions

Conversions Part 1

Format	Color
Hex	F8B9C1
RGB	248, 185, 193
RGB Percent	97%, 73%, 76%
CMY	0.0274, 0.2745, 0.2431
CMYK	0.00, 0.25, 0.22, 0.03
HSL	352°, 82%, 85%
HSV	352°, 25%, 97%
XYZ	65.6860, 58.5046, 58.2826
YIQ	204.7490, 34.9800, 15.8440

Conversions

Conversions Part 2

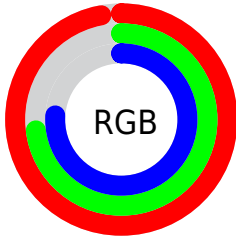
Format	Color
R _Y B	248, 185, 193
Decimal	16300481
CIE Lab	81.02, 23.88, 4.88
CIE LCh	81, 24.371, 11.561
Yxy	58.5046, 0.3600, 0.3206
Android (android.graphics.Color)	4294490561 (0xFFFF8B9C1)
YUV	204.7490, -5.7923, 37.9311
Hunter-Lab	76.4883, 19.4363, 8.3640

Details

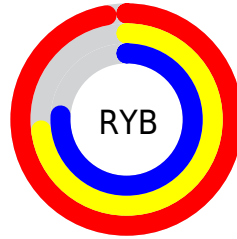
The XYZ color **65.6860, 58.5046, 58.2826** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.3056, 83.7418, 94.9531**, and the grayscale version is **57.8903, 60.9051, 66.3256**.

A 20% lighter version of the original color is **89.7942, 91.0101, 102.4566**, and **34.4707, 29.4723, 28.6829** is the 20% darker color. If you saturate the color by 10%, you get **58.7021, 48.1232, 44.8975**, and if you desaturate by 10%, it is **73.9316, 70.8425, 73.8343**.

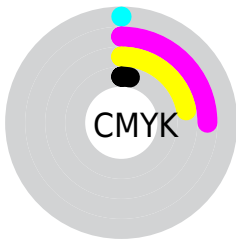
Distribution



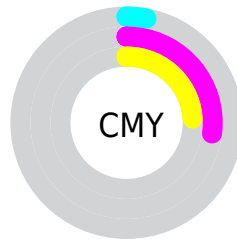
- Red (97%)
- Green (73%)
- Blue (76%)



- Red (97%)
- Yellow (73%)
- Blue (76%)



- Cyan (0%)
- Magenta (25%)
- Yellow (22%)
- Black (3%)





- Cyan (3%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.6860, 58.5046, 58.2826 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 65.6860, 58.5046, 58.2826 by changing the saturation by 10% instead.


 65.6860, 58.5046,
58.2826

 65.6860, 58.5046,
58.2826

434.7594,
419.0636, 435.8658

 48.2843, 42.2145,
41.6197


 112.0958,
102.6573, 103.8531

 34.2643, 29.2693,
28.4803


141.8346,
131.2887, 133.5978

 23.2606, 19.2846,
18.4458

176.4164,
164.8025, 168.5401

 14.9078, 11.8761,
11.0978

216.2067,
203.5833, 209.0987

 8.8406, 6.6594,
6.0176

261.5708,
248.0154, 255.6920

 4.6936, 3.2500,
2.7869


312.8741,

 2.1015, 1.2636,


298.4832, 308.7386


0.9869

370.4818,
355.3712, 368.6570


 0.6900, 0.1128,
0.0000


 0.0000, 0.0000,
0.0000

 65.6860, 58.5046,
58.2826


 65.6860, 58.5046,
58.2826


 58.7021, 48.1232,
44.8975


 73.9316, 70.8425,
73.8343

 52.9129, 39.5902,
33.5791

 83.4921, 85.2219,
91.6392

 48.2523, 32.7993,
24.2250

 92.5216, 98.6966,
108.7817

 44.6459, 27.6299,
16.7228

■ 42.0100, 23.9464,
10.9481

■ 40.2484, 21.5907,
6.7615

■ 39.2439, 20.3685,
4.0009

■ 38.9653, 20.0580,
3.1474

Harmonies

Analogous

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



65.3493, 58.5046, 72.9203



65.6860, 58.5046, 58.2826



63.2033, 58.5046, 46.9575

Triad

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



65.6860, 58.5046, 58.2826



49.4031, 58.5046, 45.0564



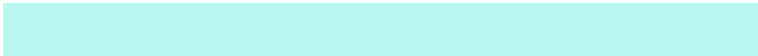
52.5882, 58.5046, 93.9349

Complementary

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



65.6860, 58.5046, 58.2826



69.3056, 83.7418, 94.9531

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.



48.6449, 58.5046, 84.0166



65.6860, 58.5046, 58.2826



46.8843, 58.5046, 55.2945

Square

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



65.6860, 58.5046, 58.2826



53.6810, 58.5046, 40.1314



46.6154, 58.5046, 69.4464



57.5782, 58.5046, 95.0594

Rectangle

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



65.6860, 58.5046, 58.2826



60.3664, 58.5046, 42.2207



46.6154, 58.5046, 69.4464



51.1043, 58.5046, 91.4560

Sweetspot

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



65.6876, 58.5073, 58.2838



86.1477, 86.5734, 92.4356



70.0935, 59.9333, 96.6814



18.1032, 18.0246, 19.1605



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.



65.6876, 58.5073, 58.2838



66.3598, 56.9400, 55.1884



70.0504, 68.6221, 55.4556



17.3342, 17.2611, 18.3499



21.0763, 10.8462, 1.8441



1.9794, 1.0155, 0.3147

Inverse Universe

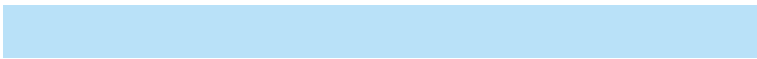
The Inverse Universe completely reimagines the original color for something new.



65.6876, 58.5073, 58.2838



66.3598, 56.9400, 55.1884



63.8513, 70.8901, 99.1253



17.3342, 17.2611, 18.3499



21.0763, 10.8462, 1.8441



1.9794, 1.0155, 0.3147

Previews

White Background



This preview shows how the XYZ color 65.6860, 58.5046, 58.2826 looks on a white background.

Color Contrast Check

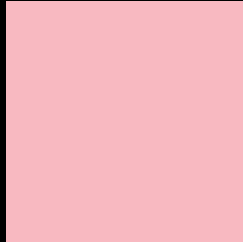
Large Text (above 18pt) WCAG AA × Fail

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 65.6860, 58.5046, 58.2826 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 65.6860, 58.5046, 58.2826

Background



This preview shows how black text looks on a background with the XYZ color 65.6860, 58.5046, 58.2826.



This preview shows how white text looks on a background with the XYZ color 65.6860, 58.5046,

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

65.6860, 58.5046, 58.2826

Protanopia

56.7242, 59.0167, 64.2788

Deuteranopia

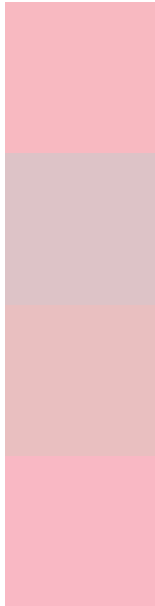
59.9704, 58.7994, 57.4788



Tritanopia

66.4005, 58.4979, 61.2176

Trichromacy



Original Color

65.6860, 58.5046, 58.2826

Protanomaly

59.6427, 58.5259, 62.1859

Deuteranomaly

61.7495, 58.3910, 57.8852

Tritanomaly

66.1712, 58.4062, 60.0105

Monochromacy



Original Color

65.6860, 58.5046, 58.2826

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

60.5555, 59.9774, 63.6435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6860, 58.5046, 58.2826 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(248, 185, 193)` looks like.

```
.text, #text, p{  
    color:rgb(248, 185, 193)  
}
```

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(248, 185, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 185, 193) }
```

Border

The CSS property to change the border of an element to XYZ 65.6860, 58.5046, 58.2826 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(248, 185, 193) }
```


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

```
.border{ border-color:rgb(248, 185, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 185, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 185, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 185, 193);  
box-shadow:4px 4px 4px 4px rgb(248, 185,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6860, 58.5046, 58.2826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 185, 193) }
```

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

```
.background{ background-color: rgb(248,  
185, 193) }
```

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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