

Converting Colors

XYZ(58.9210, 54.8421, 65.8726)

Have a look what the booklet for
XYZ(58.9210, 54.8421, 65.8726)
contains.

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Color

**XYZ(58.9210, 54.8421,
65.8726)**

Conversions

Conversions Part 1

Format	Color
Hex	DFB9CE
RGB	223, 185, 206
RGB Percent	87%, 73%, 81%
CMY	0.1255, 0.2745, 0.1922
CMYK	0.00, 0.17, 0.08, 0.13
HSL	327°, 37%, 80%
HSV	327°, 17%, 87%
XYZ	58.9210, 54.8421, 65.8726
YIQ	198.7560, 15.9070, 14.5870

Conversions

Conversions Part 2

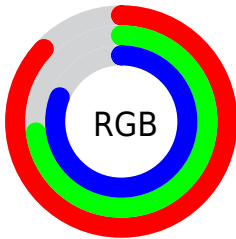
Format	Color
R _Y B	223, 185, 206
Decimal	14662094
CIE Lab	78.95, 17.06, -5.45
CIE LCh	79, 17.911, 342.301
Yxy	54.8421, 0.3280, 0.3053
Android (android.graphics.Color)	4292852174 (0xFFDFB9CE)
YUV	198.7560, 3.5713, 21.2620
Hunter-Lab	74.0555, 12.4235, -0.8999

Details

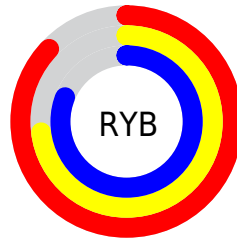
The XYZ color **58.9210, 54.8421, 65.8726** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.0581, 67.3555, 65.8740**, and the grayscale version is **54.1104, 56.9283, 61.9949**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **30.0672, 27.0944, 33.3508** is the 20% darker color. If you saturate the color by 10%, you get **53.4432, 45.7645, 58.2554**, and if you desaturate by 10%, it is **65.2106, 65.4186, 74.1414**.

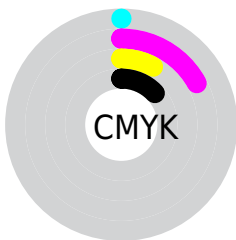
Distribution



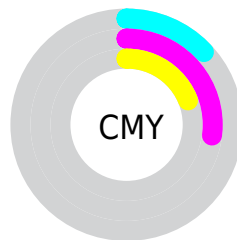
- Red (87%)
- Green (73%)
- Blue (81%)



- Red (87%)
- Yellow (73%)
- Blue (81%)



- Cyan (0%)
- Magenta (17%)
- Yellow (8%)
- Black (13%)





- Cyan (13%)
- Magenta (27%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.9210, 54.8421, 65.8726 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 58.9210, 54.8421, 65.8726 by changing the saturation by 10% instead.


 58.9210, 54.8421,
65.8726

 58.9210, 54.8421,
65.8726


410.5079,
405.3131, 464.3129

 42.7957, 39.2753,
47.7132


 102.3781, 97.3096,
114.9287

 29.9186, 26.9740,
33.2414


130.4406,
124.9790, 146.6625

 19.9246, 17.5537,
22.0388


163.2128,
157.4515, 183.7581

 12.4482, 10.6300,
13.6868

201.0602,
195.1114, 226.6341

 7.1241, 5.8186,
7.7669

244.3480,
238.3432, 275.7090

 3.5868, 2.7351,
3.8605

293.4417,

 1.4712, 0.9951,

287.5311, 331.4015

1.5492

348.7065,
343.0596, 394.1299

■ 0.3061, 0.0000,
0.2541

■ 0.0000, 0.0000,
0.0000

■ 58.9210, 54.8421,
65.8726

■ 58.9210, 54.8421,
65.8726

■ 53.4432, 45.7645,
58.2554

■ 65.2106, 65.4186,
74.1414

■ 48.7370, 38.1100,
51.2674

■ 72.3404, 77.5510,
83.0760

■ 44.7659, 31.8070,
44.8900

■ 80.3432, 91.3019,
92.6947

■ 41.4882, 26.7748,
39.1017

■ 82.8127, 93.8565,
100.8686

■ 38.8581, 22.9240,
33.8798

■ 84.2418, 94.4282,
108.3942

■ 36.8235, 20.1533,
29.1990

■ 35.3241, 18.3443,
25.0309

■ 34.2811, 17.3426,
21.3408

■ 34.0212, 17.1239,
20.3256

Harmonies

Analogous

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



56.8687, 54.8421, 75.4145



58.9210, 54.8421, 65.8726



59.1022, 54.8421, 55.6346

Triad

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



58.9210, 54.8421, 65.8726



50.6813, 54.8421, 42.5383



47.2262, 54.8421, 73.8998

Complementary

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



58.9210, 54.8421, 65.8726



57.0581, 67.3555, 65.8740

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.



45.7212, 54.8421, 63.9875



58.9210, 54.8421, 65.8726



47.6542, 54.8421, 46.3590

Square

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



58.9210, 54.8421, 65.8726



54.2341, 54.8421, 42.9205



45.8742, 54.8421, 53.9512



50.0728, 54.8421, 80.3992

Rectangle

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



58.9210, 54.8421, 65.8726



58.1269, 54.8421, 49.8408



45.8742, 54.8421, 53.9512



46.5526, 54.8421, 70.8113

Sweetspot

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



58.9226, 54.8445, 65.8738



90.2116, 91.7712, 102.8233



54.8835, 52.5106, 77.0559



19.1685, 19.4046, 21.8296



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.



58.9226, 54.8445, 65.8738



77.4242, 70.2823, 85.9645



56.8092, 53.9992, 54.7451



14.0226, 13.8267, 15.8894



20.0615, 10.0916, 12.2554



1.4355, 0.7175, 1.0860

Inverse Universe

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



58.9226, 54.8445, 65.8738



77.4242, 70.2823, 85.9645



59.3772, 68.2831, 78.0862



14.0226, 13.8267, 15.8894



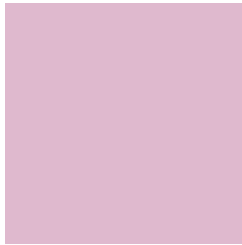
20.0615, 10.0916, 12.2554



1.4355, 0.7175, 1.0860

Previews

White Background



This preview shows how the XYZ color 58.9210, 54.8421, 65.8726 looks on a white background.

Color Contrast Check

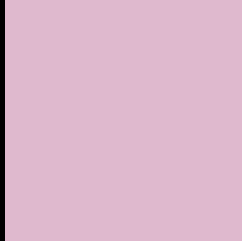
Large Text (above 18pt) WCAG AA × Fail

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 58.9210, 54.8421, 65.8726 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 58.9210, 54.8421, 65.8726

Background



This preview shows how black text looks on a background with the XYZ color 58.9210, 54.8421, 65.8726.



This preview shows how white text looks on a background with the XYZ color 58.9210, 54.8421,

65.8726.

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

58.9210, 54.8421, 65.8726

Protanopia

53.4236, 54.8064, 70.0503

Deuteranopia

56.0112, 54.9363, 65.4093



Tritanopia

58.1084, 54.8175, 62.1618

Trichromacy



Original Color

58.9210, 54.8421, 65.8726

Protanomaly

55.4405, 54.8939, 68.6463

Deuteranomaly

57.0270, 54.8213, 65.3335

Tritanomaly

58.3438, 54.9117, 63.4011

Monochromacy



Original Color

58.9210, 54.8421, 65.8726

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.9649, 56.2577, 63.7863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9210, 54.8421, 65.8726 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(223, 185, 206)` looks like.

```
.text, #text, p{  
    color:rgb(223, 185, 206)  
}
```

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(223, 185, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 185, 206) }
```

Border

The CSS property to change the border of an element to XYZ 58.9210, 54.8421, 65.8726 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(223, 185, 206) }
```


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

```
.border{ border-color:rgb(223, 185, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 185, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 185, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 185, 206);  
box-shadow:4px 4px 4px 4px rgb(223, 185,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9210, 54.8421, 65.8726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 185, 206) }
```

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

```
.background{ background-color: rgb(223,  
185, 206) }
```

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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