

Converting Colors

XYZ(58.8009, 54.7684, 65.1910)

Have a look what the booklet for
XYZ(58.8009, 54.7684, 65.1910)
contains.

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Color

**XYZ(58.7998, 54.7937,
65.2348)**

Conversions

Conversions Part 1

Format	Color
Hex	DFB9CD
RGB	223, 185, 205
RGB Percent	87%, 73%, 80%
CMY	0.1255, 0.2745, 0.1961
CMYK	0.00, 0.17, 0.08, 0.13
HSL	328°, 37%, 80%
HSV	328°, 17%, 87%
XYZ	58.7998, 54.7937, 65.2348
YIQ	198.6420, 16.2280, 14.2760

Conversions

Conversions Part 2

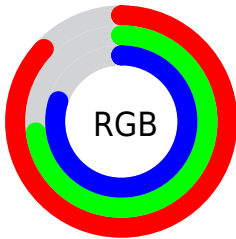
Format	Color
R _Y B	223, 185, 205
Decimal	14662093
CIE Lab	78.92, 16.89, -4.95
CIE LCh	79, 17.600, 343.680
Yxy	54.7937, 0.3288, 0.3064
Android (android.graphics.Color)	4292852173 (0xFFDFB9CD)
YUV	198.6420, 3.1345, 21.3620
Hunter-Lab	74.0228, 12.2512, -0.4352

Details

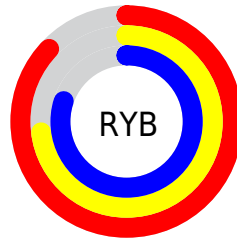
The XYZ color **58.7998, 54.7937, 65.2348** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.1769, 67.4028, 66.4995**, and the grayscale version is **54.0433, 56.8577, 61.9181**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **29.9856, 27.0617, 32.9212** is the 20% darker color. If you saturate the color by 10%, you get **53.2634, 45.6927, 57.3090**, and if you desaturate by 10%, it is **65.1571, 65.3973, 73.8604**.

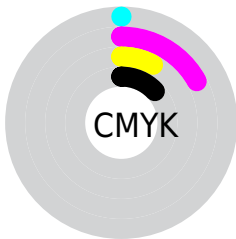
Distribution



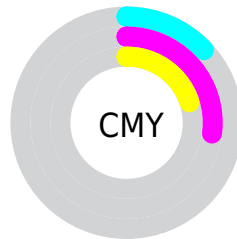
- Red (87%)
- Green (73%)
- Blue (80%)



- Red (87%)
- Yellow (73%)
- Blue (80%)



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



- Cyan (13%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7998, 54.7937, 65.2348 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 58.7998, 54.7937, 65.2348 by changing the saturation by 10% instead.

■ 58.7998, 54.7937,
65.2348

■ 58.7998, 54.7937,
65.2348

410.0656,
405.1294, 461.9645

■ 42.6977, 39.2366,
47.1989

■ 102.2029, 97.2386,
114.0039

■ 29.8415, 26.9438,
32.8375

130.2347,
124.8952, 145.5742

■ 19.8658, 17.5310,
21.7319

162.9737,
157.3538, 182.4930

■ 12.4052, 10.6138,
13.4636

200.7854,
194.9986, 225.1790

■ 7.0944, 5.8078,
7.6141

244.0351,
238.2143, 274.0505

■ 3.5681, 2.7286,
3.7648

293.0881,

■ 1.4608, 0.9917,

287.3850, 329.5263

1.4972

348.3098,
342.8953, 392.0248

■ 0.2989, 0.0000,
0.2159

■ 0.0000, 0.0000,
0.0000

■ 58.7998, 54.7937,
65.2348

■ 58.7998, 54.7937,
65.2348

■ 53.2634, 45.6927,
57.3090

■ 65.1571, 65.3973,
73.8604

■ 48.5075, 38.0183,
50.0592

■ 72.3641, 77.5605,
83.2015

■ 44.4952, 31.6988,
43.4653

■ 80.4538, 91.3462,
93.2777

■ 41.1848, 26.6535,
37.5044

■ 83.0201, 93.9395,
101.9612

■ 38.5298, 22.7927,
32.1519

■ 84.2417, 94.4281,
108.3942

■ 36.4782, 20.0152,
27.3810

■ 34.9690, 18.2023,
23.1615

■ 33.9232, 17.1994,
19.4567

■ 33.6637, 16.9809,
18.4438

Harmonies

Analogous

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



56.8607, 54.7937, 74.6921



58.7998, 54.7937, 65.2348



58.8867, 54.7937, 55.2236

Triad

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



58.7998, 54.7937, 65.2348



50.5064, 54.7937, 42.8451



47.3688, 54.7937, 73.9662

Complementary

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



58.7998, 54.7937, 65.2348



57.1769, 67.4028, 66.4995

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.



45.8187, 54.7937, 64.3300



58.7998, 54.7937, 65.2348



47.5746, 54.7937, 46.7953

Square

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



58.7998, 54.7937, 65.2348



53.9912, 54.7937, 43.0294



45.8923, 54.7937, 54.4141



50.2139, 54.7937, 80.1057

Rectangle

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



58.7998, 54.7937, 65.2348



57.8751, 54.7937, 49.6108



45.8923, 54.7937, 54.4141



46.6848, 54.7937, 70.9844

Sweetspot

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



58.8014, 54.7961, 65.2360



90.1592, 91.7502, 102.5475



55.2264, 52.6875, 77.0716



19.1557, 19.3995, 21.7625



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.



58.8014, 54.7961, 65.2360



77.2340, 70.2062, 84.9632



56.6736, 53.9450, 54.0315



14.0071, 13.8205, 15.8075



19.8512, 10.0075, 11.1480



1.4211, 0.7117, 1.0106

Inverse Universe

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



58.8014, 54.7961, 65.2360



77.2340, 70.2062, 84.9632



59.5460, 68.3505, 78.9753



14.0071, 13.8205, 15.8075



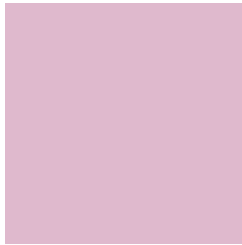
19.8512, 10.0075, 11.1480



1.4211, 0.7117, 1.0106

Previews

White Background



This preview shows how the XYZ color 58.7998, 54.7937, 65.2348 looks on a white background.

Color Contrast Check

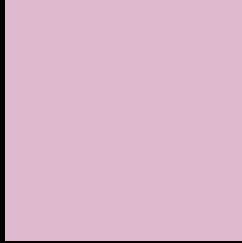
Large Text (above 18pt) WCAG AA × Fail

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 58.7998, 54.7937, 65.2348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

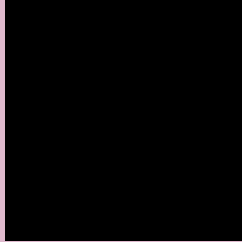
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7998, 54.7937, 65.2348

Background



This preview shows how black text looks on a background with the XYZ color 58.7998, 54.7937, 65.2348.



This preview shows how white text looks on a background with the XYZ color 58.7998, 54.7937,

65.2348.

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

58.7998, 54.7937, 65.2348

Protanopia

53.5553, 54.8888, 69.3999

Deuteranopia

56.1765, 55.0354, 64.7888



Tritanopia

58.1084, 54.8175, 62.1618

Trichromacy



Original Color

58.7998, 54.7937, 65.2348

Protanomaly

55.3163, 54.8442, 67.9921

Deuteranomaly

56.9066, 54.7731, 64.6997

Tritanomaly

58.3438, 54.9117, 63.4011

Monochromacy



Original Color

58.7998, 54.7937, 65.2348

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.8468, 56.2105, 63.1646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7998, 54.7937, 65.2348 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(223, 185, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 185, 205) }
```

Border

The CSS property to change the border of an element to XYZ 58.7998, 54.7937, 65.2348 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, 205) }
```


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

```
.border{ border-color:rgb(223, 185, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 185, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 185, 205);  
box-shadow:4px 4px 4px 4px rgb(223, 185,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7998, 54.7937, 65.2348 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, 205) }
```

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

```
.background{ background-color: rgb(223,  
185, 205) }
```

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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