

Converting Colors

XYZ(57.9648, 54.3894, 67.5120)

Have a look what the booklet for
XYZ(57.9648, 54.3894, 67.5120)
contains.

XYZ(58.0710, 54.3614, 67.7537)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.0710, 54.3614,
67.7537)**

Conversions

Conversions Part 1

Format	Color
Hex	DBB9D1
RGB	219, 185, 209
RGB Percent	86%, 73%, 82%
CMY	0.1412, 0.2745, 0.1804
CMYK	0.00, 0.16, 0.05, 0.14
HSL	318°, 32%, 79%
HSV	318°, 16%, 86%
XYZ	58.0710, 54.3614, 67.7537
YIQ	197.9020, 12.5600, 14.6720

Conversions

Conversions Part 2

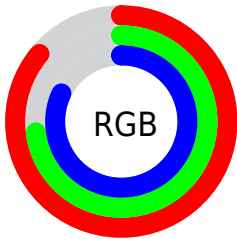
Format	Color
R _Y B	219, 185, 209
Decimal	14399953
CIE Lab	78.67, 16.20, -7.52
CIE LCh	79, 17.862, 335.103
Yxy	54.3614, 0.3223, 0.3017
Android (android.graphics.Color)	4292590033 (0xFFDDBB9D1)
YUV	197.9020, 5.4713, 18.5029
Hunter-Lab	73.7302, 11.5615, -2.8729

Details

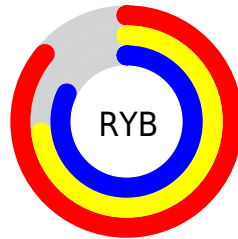
The XYZ color **58.0710, 54.3614, 67.7537** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.1916, 64.9190, 61.2545**, and the grayscale version is **53.5808, 56.3711, 61.3882**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **29.4775, 26.7616, 34.6222** is the 20% darker color. If you saturate the color by 10%, you get **53.0566, 45.5827, 62.2268**, and if you desaturate by 10%, it is **63.8264, 64.5691, 73.6880**.

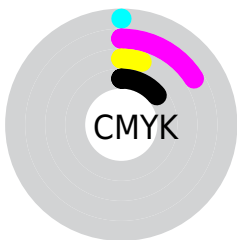
Distribution



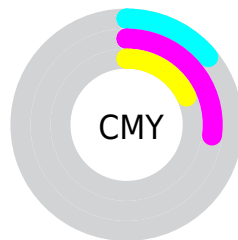
- Red (86%)
- Green (73%)
- Blue (82%)



- Red (86%)
- Yellow (73%)
- Blue (82%)



- Cyan (0%)
- Magenta (16%)
- Yellow (5%)
- Black (14%)





- Cyan (14%)
- Magenta (27%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.0710, 54.3614, 67.7537 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 58.0710, 54.3614, 67.7537 by changing the saturation by 10% instead.

 58.0710, 54.3614,
67.7537

 58.0710, 54.3614,
67.7537


407.4000,
403.4866, 471.1972

 42.1092, 38.8907,
49.2319


 101.1486, 96.6047,
117.6506

 29.3783, 26.6747,
34.4366


128.9952,
124.1460, 149.8628

 19.5129, 17.3291,
22.9491

161.5340,
156.4797, 187.4756

 12.1477, 10.4694,
14.3510

199.1305,
193.9900, 230.9076

 6.9172, 5.7113,
8.2237

242.1500,
237.0615, 280.5771

 3.4563, 2.6703,
4.1486

290.9578,

 1.3994, 0.9621,

286.0785, 336.9029

1.7072

345.9194,
341.4254, 400.3034

■ 0.2558, 0.0000,
0.3657

■ 0.0000, 0.0000,
0.0000

■ 58.0710, 54.3614,
67.7537

■ 58.0710, 54.3614,
67.7537

■ 53.0566, 45.5827,
62.2268

■ 63.8264, 64.5691,
73.6880

■ 48.7461, 38.1613,
57.0912

■ 70.3487, 76.2589,
80.0383

■ 45.1057, 32.0301,
52.3343

■ 77.6681, 89.4903,
86.8170

■ 42.0975, 27.1132,
47.9417

■ 79.9359, 92.5651,
92.0763

■ 39.6792, 23.3271,
43.8972

■ 80.8826, 92.9438,
97.0616

■ 37.8034, 20.5774,
40.1830

■ 81.8633, 93.3361,
102.2261

■ 36.4148, 18.7544,
36.7787

■ 82.8785, 93.7421,
107.5718

■ 35.4458, 17.7233,
33.6596

■ 83.0238, 93.8003,
108.3372

■ 35.0951, 17.4128,
32.3376

Harmonies

Analogous

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



55.6697, 54.3614, 76.5538



58.0710, 54.3614, 67.7537



58.7260, 54.3614, 57.4787

Triad

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



58.0710, 54.3614, 67.7537



51.0677, 54.3614, 41.8683



46.3143, 54.3614, 71.0825

Complementary

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



58.0710, 54.3614, 67.7537



55.1916, 64.9190, 61.2545

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.



45.2010, 54.3614, 60.9355



58.0710, 54.3614, 67.7537



47.8645, 54.3614, 44.6734

Square

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



58.0710, 54.3614, 67.7537



54.5783, 54.3614, 43.2559



45.7555, 54.3614, 51.3807



48.8647, 54.3614, 78.6239

Rectangle

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



58.0710, 54.3614, 67.7537



58.0599, 54.3614, 51.3232



45.7555, 54.3614, 51.3807



45.7650, 54.3614, 67.8229

Sweetspot

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



58.0726, 54.3638, 67.7549



90.5186, 91.8940, 104.4396



52.5484, 51.3684, 74.1642



19.2431, 19.4345, 22.2228



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.



58.0726, 54.3638, 67.7549



79.2835, 72.0037, 92.7415



56.1194, 53.5825, 57.4695



13.4427, 13.2062, 15.5923



20.8595, 10.3448, 19.4379



1.3884, 0.6850, 1.4541

Inverse Universe

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



58.0726, 54.3638, 67.7549



79.2835, 72.0037, 92.7415



57.1784, 65.7137, 71.7169



13.4427, 13.2062, 15.5923



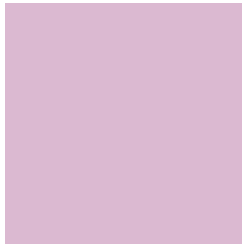
20.8595, 10.3448, 19.4379



1.3884, 0.6850, 1.4541

Previews

White Background



This preview shows how the XYZ color 58.0710, 54.3614, 67.7537 looks on a white background.

Color Contrast Check

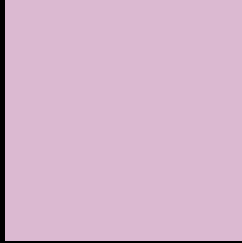
Large Text (above 18pt) WCAG AA × Fail

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 58.0710, 54.3614, 67.7537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

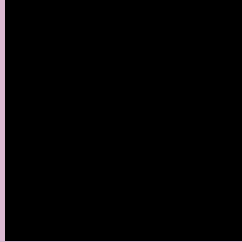
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.0710, 54.3614, 67.7537

Background



This preview shows how black text looks on a background with the XYZ color 58.0710, 54.3614, 67.7537.



This preview shows how white text looks on a background with the XYZ color 58.0710, 54.3614,

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

58.0710, 54.3614, 67.7537

Protanopia

53.4217, 54.7761, 71.3755

Deuteranopia

55.5952, 54.3592, 67.2367



Tritanopia

57.0150, 54.2403, 62.7227

Trichromacy



Original Color

58.0710, 54.3614, 67.7537

Protanomaly

54.8716, 54.5716, 69.9287

Deuteranomaly

56.5198, 54.5176, 67.2185

Tritanomaly

57.3714, 54.3829, 64.5999

Monochromacy



Original Color

58.0710, 54.3614, 67.7537

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.1842, 55.5260, 63.6862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0710, 54.3614, 67.7537 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(219, 185, 209)` looks like.

```
.text, #text, p{  
    color:rgb(219, 185, 209)  
}
```

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(219, 185, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 185, 209) }
```

Border

The CSS property to change the border of an element to XYZ 58.0710, 54.3614, 67.7537 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(219, 185, 209) }
```


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

```
.border{ border-color:rgb(219, 185, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 185, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 185, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 185, 209);  
box-shadow:4px 4px 4px 4px rgb(219, 185,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0710, 54.3614, 67.7537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 185, 209) }
```

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

```
.background{ background-color: rgb(219,  
185, 209) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor