

Converting Colors

XYZ(58.3848, 51.9155, 66.7835)

Have a look what the booklet for
XYZ(58.3848, 51.9155, 66.7835)
contains.

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Color

**XYZ(58.2745, 51.7735,
66.5964)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E2B0D0 |
| RGB | 226, 176, 208 |
| RGB Percent | 89%, 69%, 82% |
| CMY | 0.1137, 0.3098, 0.1843 |
| CMYK | 0.00, 0.22, 0.08, 0.11 |
| HSL | 322°, 46%, 79% |
| HSV | 322°, 22%, 89% |
| XYZ | 58.2745, 51.7735, 66.5964 |
| YIQ | 194.5980, 19.5280, 20.5520 |

Conversions

Conversions Part 2

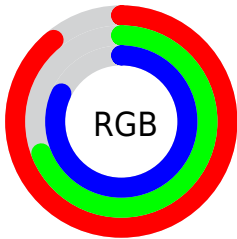
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 226, 176, 208 |
| Decimal | 14856400 |
| CIE Lab | 77.15, 23.28, -9.17 |
| CIE LCh | 77, 25.021, 338.489 |
| Yxy | 51.7735, 0.3299, 0.2931 |
| Android (android.graphics.Color) | 4293046480 (0xFFE2B0D0) |
| YUV | 194.5980, 6.6072, 27.5396 |
| Hunter-Lab | 71.9538, 18.6458, -4.5078 |

Details

The XYZ color **58.2745, 51.7735, 66.5964** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.8405, 67.5192, 61.1841**, and the grayscale version is **51.5878, 54.2744, 59.1048**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **29.4933, 25.0451, 33.8516** is the 20% darker color. If you saturate the color by 10%, you get **53.2315, 43.2481, 60.1027**, and if you desaturate by 10%, it is **64.1096, 61.7994, 73.6087**.

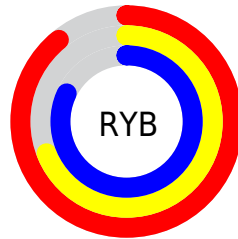
Distribution



Red (89%)

Green (69%)

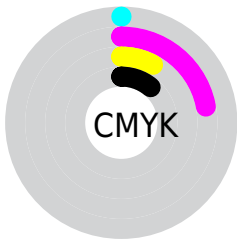
Blue (82%)



Red (89%)

Yellow (69%)

Blue (82%)

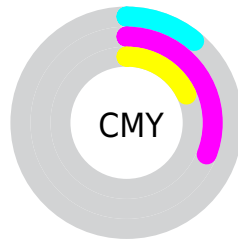


Cyan (0%)

Magenta (22%)

Yellow (8%)

Black (11%)



Cyan (11%)


Magenta (31%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.2745, 51.7735, 66.5964 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 58.2745, 51.7735, 66.5964 by changing the saturation by 10% instead.

 58.2745, 51.7735,
66.5964

 58.2745, 51.7735,
66.5964


408.1454,
393.5616, 466.9691

 42.2735, 36.8246,
48.2972


 101.4432, 92.7971,
115.9771

 29.5075, 25.0717,
33.7006

129.3415,
119.6406, 147.8956

 19.6113, 16.1305,
22.3882

161.9364,
151.2177, 185.1909

 12.2194, 9.6165,
13.9414

199.5930,
187.9128, 228.2816

 6.9666, 5.1455,
7.9416

242.6769,
230.1104, 277.5863

 3.4873, 2.3329,
3.9704

291.5534,

 1.4164, 0.7910,

278.1948, 333.5234

1.6091

346.5878,
332.5504, 396.5115

■ 0.2679, 0.0000,
0.2973

■ 0.0000, 0.0000,
0.0000

■ 58.2745, 51.7735,
66.5964

■ 58.2745, 51.7735,
66.5964

■ 53.2315, 43.2481,
60.1027

■ 64.1096, 61.7994,
73.6087

■ 48.9388, 36.1429,
54.1081

■ 70.7669, 73.3872,
81.1517

■ 45.3575, 30.3809,
48.5965

■ 78.2805, 86.6030,
89.2407

■ 42.4432, 25.8746,
43.5492

■ 82.9340, 94.0128,
96.6406

■ 40.1466, 22.5263,
38.9455

■ 84.1740, 94.5088,
103.1703

■ 38.4106, 20.2234,
34.7624

■ 85.1743, 94.9089,
108.4378

■ 37.1670, 18.8310,
30.9729

■ 36.4470, 18.2020,
28.2328

Harmonies

Analogous

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



55.1601, 51.7735, 79.6137



58.2745, 51.7735, 66.5964



58.8810, 51.7735, 52.5715

Triad

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



58.2745, 51.7735, 66.5964



47.8634, 51.7735, 34.1218



42.3535, 51.7735, 74.4128

Complementary

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



58.2745, 51.7735, 66.5964



54.8405, 67.5192, 61.1841

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.



40.6590, 51.7735, 60.3525



58.2745, 51.7735, 66.5964



43.7024, 51.7735, 38.1615

Square

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



58.2745, 51.7735, 66.5964



52.6603, 51.7735, 35.2404



41.1364, 51.7735, 47.2526



45.9122, 51.7735, 84.6112

Rectangle

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



58.2745, 51.7735, 66.5964



57.7463, 51.7735, 44.7151



41.1364, 51.7735, 47.2526



41.5578, 51.7735, 69.8981

Sweetspot

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



58.2760, 51.7758, 66.5975



88.6001, 88.7282, 101.7307



51.3750, 47.9476, 78.4992



18.8506, 18.7940, 21.6458



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.



58.2760, 51.7758, 66.5975



73.1433, 62.1661, 83.1634



55.4906, 50.6616, 51.9297



14.0746, 13.8475, 16.1632



20.8515, 10.4076, 16.4158



1.4877, 0.7383, 1.3609

Inverse Universe

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



58.2760, 51.7758, 66.5975



73.1433, 62.1661, 83.1634



57.8230, 68.7122, 76.8895



14.0746, 13.8475, 16.1632



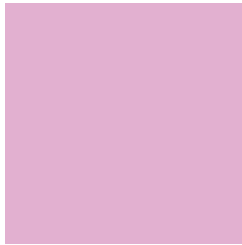
20.8515, 10.4076, 16.4158



1.4877, 0.7383, 1.3609

Previews

White Background



This preview shows how the XYZ color 58.2745, 51.7735, 66.5964 looks on a white background.

Color Contrast Check

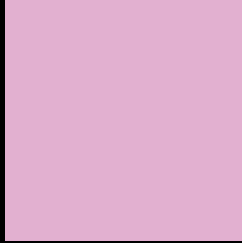
Large Text (above 18pt) WCAG AA × Fail

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 58.2745, 51.7735, 66.5964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

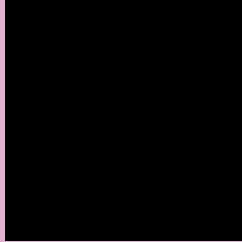
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.2745, 51.7735, 66.5964

Background



This preview shows how black text looks on a background with the XYZ color 58.2745, 51.7735, 66.5964.



This preview shows how white text looks on a background with the XYZ color 58.2745, 51.7735,

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

58.2745, 51.7735, 66.5964

Protanopia

51.0858, 51.9179, 72.2944

Deuteranopia

52.8467, 51.7107, 65.5884



Tritanopia

56.4862, 51.9377, 57.4999

Trichromacy



Original Color

58.2745, 51.7735, 66.5964

Protanomaly

53.2381, 51.5026, 70.0858

Deuteranomaly

54.8544, 51.8098, 66.1406

Tritanomaly

57.1648, 51.9256, 60.4358

Monochromacy



Original Color

58.2745, 51.7735, 66.5964

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.8621, 53.2584, 62.0846

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2745, 51.7735, 66.5964 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(226, 176, 208)` looks like.

```
.text, #text, p{  
    color:rgb(226, 176, 208)  
}
```

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(226, 176, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 176, 208) }
```

Border

The CSS property to change the border of an element to XYZ 58.2745, 51.7735, 66.5964 is called "border". The border property can be set on classes, ids or directly on the HTML element.

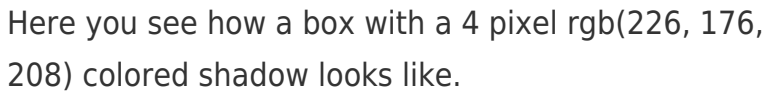
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 176, 208) }
```


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

```
.border{ border-color:rgb(226, 176, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(226, 176, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 176, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 176, 208); box-shadow:4px 4px 4px 4px rgb(226, 176, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2745, 51.7735, 66.5964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 176, 208) }
```

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

```
.background{ background-color: rgb(226,  
176, 208) }
```

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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