

Converting Colors

XYZ(58.7692, 53.5051, 64.4573)

Have a look what the booklet for
XYZ(58.7692, 53.5051, 64.4573)
contains.

XYZ(58.7870, 53.5761, 64.3696)	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(58.7870, 53.5761,
64.3696)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B5CC
RGB	226, 181, 204
RGB Percent	89%, 71%, 80%
CMY	0.1137, 0.2902, 0.2000
CMYK	0.00, 0.20, 0.10, 0.11
HSL	329°, 44%, 80%
HSV	329°, 20%, 89%
XYZ	58.7870, 53.5761, 64.3696
YIQ	197.0770, 19.4370, 16.6930

Conversions

Conversions Part 2

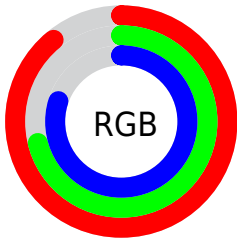
Format	Color
R _Y B	226, 181, 204
Decimal	14857676
CIE Lab	78.21, 19.91, -5.42
CIE LCh	78, 20.637, 344.779
Yxy	53.5761, 0.3326, 0.3031
Android (android.graphics.Color)	4293047756 (0xFFE2B5CC)
YUV	197.0770, 3.4130, 25.3655
Hunter-Lab	73.1957, 15.2695, -0.9037

Details

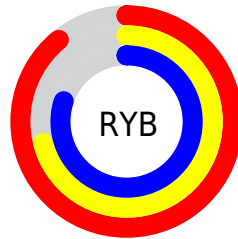
The XYZ color **58.7870, 53.5761, 64.3696** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.0340, 68.5297, 66.7246**, and the grayscale version is **53.0905, 55.8553, 60.8265**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **29.8018, 26.1864, 32.3379** is the 20% darker color. If you saturate the color by 10%, you get **53.2807, 44.6092, 56.2259**, and if you desaturate by 10%, it is **65.1359, 64.0762, 73.2593**.

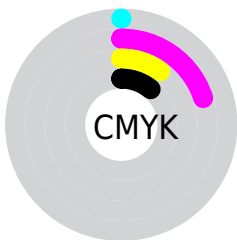
Distribution



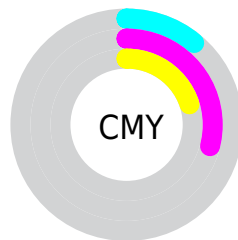
- Red (89%)
- Green (71%)
- Blue (80%)



- Red (89%)
- Yellow (71%)
- Blue (80%)



- Cyan (0%)
- Magenta (20%)
- Yellow (10%)
- Black (11%)





- Cyan (11%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7870, 53.5761, 64.3696 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 58.7870, 53.5761, 64.3696 by changing the saturation by 10% instead.


 58.7870, 53.5761,
64.3696

 58.7870, 53.5761,
64.3696


410.0189,
400.4915, 458.7672

 42.6874, 38.2629,
46.5020

 102.1844, 95.4516,
112.7476

 29.8334, 26.1868,
32.2906


130.2130,
122.7826, 144.0951

 19.8596, 16.9634,
21.3169


162.9485,
154.8883, 180.7730

 12.4007, 10.2084,
13.1624

200.7564,
192.1531, 223.1999

 7.0913, 5.5374,
7.4084

244.0020,
234.9615, 271.7941

 3.5661, 2.5659,
3.6365

293.0508,

 1.4597, 0.9095,

283.6977, 326.9744

1.4281

348.2679,
338.7463, 389.1592

■ 0.2982, 0.0000,
0.1635

■ 0.0000, 0.0000,
0.0000

■ 58.7870, 53.5761,
64.3696

■ 58.7870, 53.5761,
64.3696

■ 53.2807, 44.6092,
56.2259

■ 65.1359, 64.0762,
73.2593

■ 48.5744, 37.0957,
48.8027

■ 72.3580, 76.1700,
82.9128

■ 44.6289, 30.9596,
42.0776

■ 80.4881, 89.9234,
93.3512

■ 41.3996, 26.1148,
36.0255

■ 84.0988, 94.4787,
102.7740

■ 38.8368, 22.4657,
30.6194

■ 85.1744, 94.9089,
108.4378

■ 36.8842, 19.9031,
25.8295

■ 35.4750, 18.2972,
21.6220

■ 34.4959, 17.4251,
17.9472

■ 34.4879, 17.4183,
17.9160

Harmonies

Analogous

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



56.5890, 53.5761, 75.5838



58.7870, 53.5761, 64.3696



58.8041, 53.5761, 52.8454

Triad

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



58.7870, 53.5761, 64.3696



48.9676, 53.5761, 39.3695



45.6081, 53.5761, 75.4397

Complementary

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



58.7870, 53.5761, 64.3696



57.0340, 68.5297, 66.7246

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.



43.7786, 53.5761, 64.1928



58.7870, 53.5761, 64.3696



45.6475, 53.5761, 43.9333

Square

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



58.7870, 53.5761, 64.3696



52.9881, 53.5761, 39.4037



43.7926, 53.5761, 52.6904



48.9113, 53.5761, 82.5270

Rectangle

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



58.7870, 53.5761, 64.3696



57.5690, 53.5761, 46.5496



43.7926, 53.5761, 52.6904



44.8083, 53.5761, 71.9592

Sweetspot

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



58.7885, 53.5785, 64.3707



89.1806, 90.1512, 101.1171



54.8140, 51.2028, 78.9464



18.9571, 19.0767, 21.4667



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.



58.7885, 53.5785, 64.3707



74.0885, 65.1951, 79.9686



56.3075, 52.5861, 51.3058



13.9981, 13.8169, 15.7604



19.7354, 9.9611, 10.5382



1.4132, 0.7085, 0.9685

Inverse Universe

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



58.7885, 53.5785, 64.3707



74.0885, 65.1951, 79.9686



59.8788, 69.6677, 81.7052



13.9981, 13.8169, 15.7604



19.7354, 9.9611, 10.5382



1.4132, 0.7085, 0.9685

Previews

White Background



This preview shows how the XYZ color 58.7870, 53.5761, 64.3696 looks on a white background.

Color Contrast Check

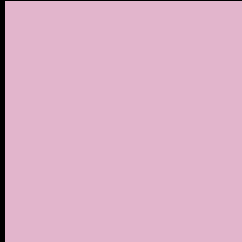
Large Text (above 18pt) WCAG AA × Fail

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 58.7870, 53.5761, 64.3696 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 58.7870, 53.5761, 64.3696

Background



This preview shows how black text looks on a background with the XYZ color 58.7870, 53.5761, 64.3696.



This preview shows how white text looks on a background with the XYZ color 58.7870, 53.5761,

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

58.7870, 53.5761, 64.3696

Protanopia

52.3457, 53.6089, 69.2167

Deuteranopia

54.7751, 53.6881, 63.9758



Tritanopia

57.7431, 53.4490, 59.4978

Trichromacy



Original Color

58.7870, 53.5761, 64.3696

Protanomaly

54.2702, 53.3579, 67.1133

Deuteranomaly

56.1528, 53.4568, 63.8585

Tritanomaly

58.0881, 53.5870, 61.3146

Monochromacy



Original Color

58.7870, 53.5761, 64.3696

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.0686, 54.8416, 62.3266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7870, 53.5761, 64.3696 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, 181, 204)` looks like.

```
.text, #text, p{  
    color:rgb(226, 181, 204)  
}
```

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, 181, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 181, 204) }
```

Border

The CSS property to change the border of an element to XYZ 58.7870, 53.5761, 64.3696 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, 181, 204) }
```


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

```
.border{ border-color:rgb(226, 181, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 181, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 181, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 181, 204);  
box-shadow:4px 4px 4px 4px rgb(226, 181,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7870, 53.5761, 64.3696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 181, 204) }
```

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

```
.background{ background-color: rgb(226,  
181, 204) }
```

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