

Converting Colors

XYZ(58.2584, 53.5996, 59.4104)

Have a look what the booklet for
XYZ(58.2584, 53.5996, 59.4104)
contains.

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Color

**XYZ(58.3703, 53.7723,
59.5272)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B6C4
RGB	227, 182, 196
RGB Percent	89%, 71%, 77%
CMY	0.1098, 0.2863, 0.2314
CMYK	0.00, 0.20, 0.14, 0.11
HSL	341°, 45%, 80%
HSV	341°, 20%, 89%
XYZ	58.3703, 53.7723, 59.5272
YIQ	197.0510, 22.3260, 13.8940

Conversions

Conversions Part 2

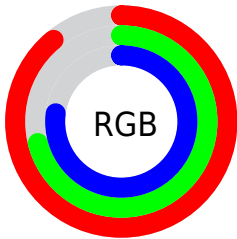
Format	Color
R _Y B	227, 182, 196
Decimal	14923460
CIE Lab	78.33, 18.41, -0.90
CIE LCh	78, 18.431, 357.199
Yxy	53.7723, 0.3400, 0.3132
Android (android.graphics.Color)	4293113540 (0xFFE3B6C4)
YUV	197.0510, -0.5181, 26.2653
Hunter-Lab	73.3296, 13.7591, 3.2005

Details

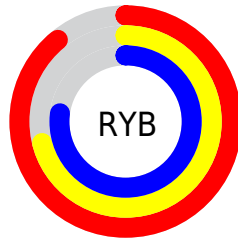
The XYZ color **58.3703, 53.7723, 59.5272** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.7729, 69.6887, 73.3077**, and the grayscale version is **53.0966, 55.8617, 60.8334**.

A 20% lighter version of the original color is **89.5442, 89.5009, 105.4844**, and **29.5273, 26.3114, 29.1135** is the 20% darker color. If you saturate the color by 10%, you get **52.4047, 44.5425, 49.2092**, and if you desaturate by 10%, it is **65.2781, 64.5882, 71.0761**.

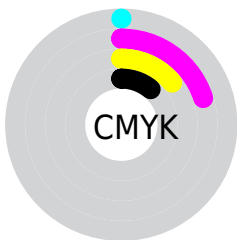
Distribution



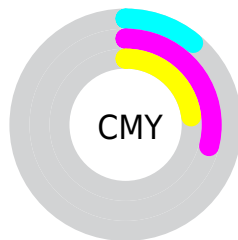
- Red (89%)
- Green (71%)
- Blue (77%)



- Red (89%)
- Yellow (71%)
- Blue (77%)



- Cyan (0%)
- Magenta (20%)
- Yellow (14%)
- Black (11%)





- Cyan (11%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3703, 53.7723, 59.5272 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 58.3703, 53.7723, 59.5272 by changing the saturation by 10% instead.


 58.3703, 53.7723,
59.5272

 58.3703, 53.7723,
59.5272


408.4960,
401.2411, 440.6090

 42.3508, 38.4196,
42.6149


 101.5818, 95.7398,
105.6802

 29.5684, 26.3086,
29.2539


129.5045,
123.1235, 135.7578

 19.6577, 17.0546,
19.0257


162.1257,
155.2863, 171.0611

 12.2533, 10.2734,
11.5119

199.8107,
192.6127, 212.0083

 6.9898, 5.5806,
6.2938

242.9249,
235.4869, 259.0182

 3.5020, 2.5918,
2.9529

291.8336,

 1.4245, 0.9225,

284.2935, 312.5093

1.0706

346.9022,
339.4167, 372.9000

■ 0.2736, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3703, 53.7723,
59.5272

■ 58.3703, 53.7723,
59.5272

■ 52.4047, 44.5425,
49.2092

■ 65.2781, 64.5882,
71.0761

■ 47.3348, 36.8168,
40.0767

■ 73.1627, 77.0528,
83.8922

■ 43.1169, 30.5169,
32.0866

■ 82.0627, 91.2341,
98.0146

■ 39.7019, 25.5541,
25.1915

■ 85.4888, 95.0710,
108.4525

■ 37.0351, 21.8300,
19.3405

■ 35.0547, 19.2324,
14.4782

■ 33.6883, 17.6284,
10.5428

■ 32.8169, 16.7933,
7.4541

■ 32.8036, 16.7810,
7.4057

Harmonies

Analogous

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



57.1767, 53.7723, 70.0081



58.3703, 53.7723, 59.5272



57.5436, 53.7723, 49.9136

Triad

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



58.3703, 53.7723, 59.5272



47.9974, 53.7723, 42.5687



47.4353, 53.7723, 76.9254

Complementary

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



58.3703, 53.7723, 59.5272



58.7729, 69.6887, 73.3077

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.



45.1728, 53.7723, 68.1268



58.3703, 53.7723, 59.5272



45.4864, 53.7723, 48.4138

Square

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



58.3703, 53.7723, 59.5272



51.4494, 53.7723, 40.8324



44.4763, 53.7723, 57.5814



50.7700, 53.7723, 80.7665

Rectangle

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



58.3703, 53.7723, 59.5272



55.9786, 53.7723, 45.1244



44.4763, 53.7723, 57.5814



46.5303, 53.7723, 74.4022

Sweetspot

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



58.3718, 53.7747, 59.5283



88.7108, 89.9633, 98.6430



57.9631, 53.1133, 79.8706



18.8462, 19.0323, 20.8826



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.



58.3718, 53.7747, 59.5283



72.4768, 64.5504, 71.4814



58.5915, 56.6459, 52.1046



14.5607, 14.4415, 15.8871



19.1772, 9.8051, 4.5623



1.4578, 0.7408, 0.5510

Inverse Universe

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



58.3718, 53.7747, 59.5283



72.4768, 64.5504, 71.4814



58.4247, 66.0254, 82.3385



14.5607, 14.4415, 15.8871



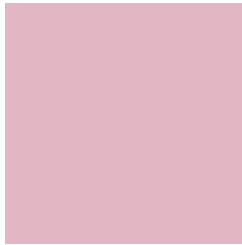
19.1772, 9.8051, 4.5623



1.4578, 0.7408, 0.5510

Previews

White Background



This preview shows how the XYZ color 58.3703, 53.7723, 59.5272 looks on a white background.

Color Contrast Check

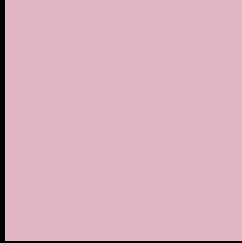
Large Text (above 18pt) WCAG AA × Fail

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 58.3703, 53.7723, 59.5272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

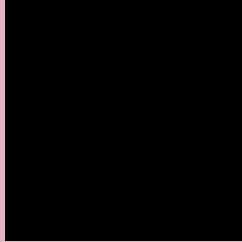
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3703, 53.7723, 59.5272

Background



This preview shows how black text looks on a background with the XYZ color 58.3703, 53.7723, 59.5272.



This preview shows how white text looks on a background with the XYZ color 58.3703, 53.7723,

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

58.3703, 53.7723, 59.5272

Protanopia

52.2363, 54.0063, 63.5482

Deuteranopia

54.9849, 53.9036, 59.1362



Tritanopia

58.3703, 53.7723, 59.5272

Trichromacy



Original Color

58.3703, 53.7723, 59.5272

Protanomaly

54.3550, 53.8307, 62.1691

Deuteranomaly

56.0245, 53.8097, 59.0633

Tritanomaly

58.3703, 53.7723, 59.5272

Monochromacy



Original Color

58.3703, 53.7723, 59.5272

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.9401, 55.1404, 60.5708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3703, 53.7723, 59.5272 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(227, 182, 196)` looks like.

```
.text, #text, p{  
    color:rgb(227, 182, 196)  
}
```

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(227, 182, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 182, 196) }
```

Border

The CSS property to change the border of an element to XYZ 58.3703, 53.7723, 59.5272 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(227, 182, 196) }
```


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

```
.border{ border-color:rgb(227, 182, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 182, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 182, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 182, 196);  
box-shadow:4px 4px 4px 4px rgb(227, 182,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3703, 53.7723, 59.5272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 182, 196) }
```

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

```
.background{ background-color: rgb(227,  
182, 196) }
```

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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