

Converting Colors

XYZ(58.7757, 53.1891, 61.7123)

Have a look what the booklet for
XYZ(58.7757, 53.1891, 61.7123)
contains.

XYZ(58.7415, 53.3066, 61.8368)	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(58.7415, 53.3066,
61.8368)**

Conversions

Conversions Part 1

Format	Color
Hex	E4B4C8
RGB	228, 180, 200
RGB Percent	89%, 71%, 78%
CMY	0.1059, 0.2941, 0.2157
CMYK	0.00, 0.21, 0.12, 0.11
HSL	335°, 47%, 80%
HSV	335°, 21%, 89%
XYZ	58.7415, 53.3066, 61.8368
YIQ	196.6320, 22.1880, 16.3960

Conversions

Conversions Part 2

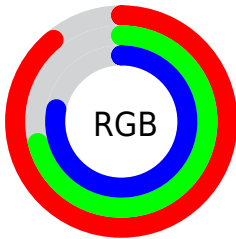
Format	Color
R_{YB}	228, 180, 200
Decimal	14988488
CIE _{Lab}	78.06, 20.49, -3.46
CIE _{LCh}	78, 20.776, 350.413
Yxy	53.3066, 0.3378, 0.3066
Android (android.graphics.Color)	4293178568 (0xFFE4B4C8)
YUV	196.6320, 1.6604, 27.5097
Hunter-Lab	73.0114, 15.8428, 0.8924

Details

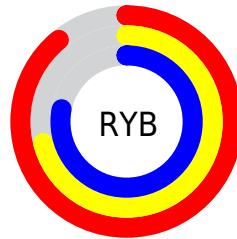
The XYZ color **58.7415, 53.3066, 61.8368** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.9531, 69.7456, 70.0856**, and the grayscale version is **52.8313, 55.5826, 60.5295**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **29.7909, 26.0247, 30.6472** is the 20% darker color. If you saturate the color by 10%, you get **53.0245, 44.2526, 52.5925**, and if you desaturate by 10%, it is **65.3539, 63.9336, 72.0481**.

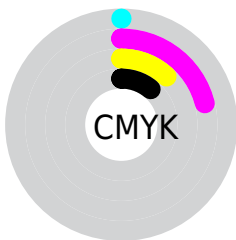
Distribution



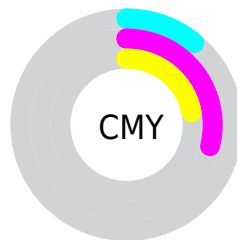
- Red (89%)
- Green (71%)
- Blue (78%)



- Red (89%)
- Yellow (71%)
- Blue (78%)



- Cyan (0%)
- Magenta (21%)
- Yellow (12%)
- Black (11%)





- Cyan (11%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7415, 53.3066, 61.8368 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 58.7415, 53.3066, 61.8368 by changing the saturation by 10% instead.


 58.7415, 53.3066,
61.8368

 58.7415, 53.3066,
61.8368


409.8527,
399.4603, 449.3268

 42.6506, 38.0476,
44.4659


 102.1186, 95.0554,
109.0589

 29.8044, 26.0196,
30.6971


130.1356,
122.3139, 139.7473

 19.8375, 16.8383,
20.1118


162.8587,
154.3411, 175.7118

 12.3846, 10.1193,
12.2914

200.6532,
191.5213, 217.3711

 7.0802, 5.4781,
6.8175

243.8845,
234.2389, 265.1437

 3.5591, 2.5304,
3.2715

292.9180,

 1.4559, 0.8918,

282.8784, 319.4482

1.2349

348.1189,
337.8240, 380.7030

■ 0.2955, 0.0000,
0.0075

■ 0.0000, 0.0000,
0.0000

■ 58.7415, 53.3066,
61.8368

■ 58.7415, 53.3066,
61.8368

■ 53.0245, 44.2526,
52.5925

■ 65.3539, 63.9336,
72.0481

■ 48.1579, 36.6891,
44.2814

■ 72.8949, 76.1967,
83.2519

■ 44.0996, 30.5370,
36.8725

■ 81.4015, 90.1642,
95.4769

■ 40.8019, 25.7067,
30.3316

■ 85.5176, 95.1191,
106.9530

■ 38.2117, 22.0983,
24.6217

■ 85.8052, 95.2341,
108.4674

■ 36.2685, 19.5976,
19.7024

■ 34.9008, 18.0681,
15.5285

■ 34.0603, 17.3202,
12.3720

Harmonies

Analogous

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



56.9095, 53.3066, 73.4496



58.7415, 53.3066, 61.8368



58.3227, 53.3066, 50.6035

Triad

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



58.7415, 53.3066, 61.8368



47.9978, 53.3066, 39.5446



45.8630, 53.3066, 76.9871

Complementary

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



58.7415, 53.3066, 61.8368



57.9531, 69.7456, 70.0856

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.



43.7112, 53.3066, 66.1755



58.7415, 53.3066, 61.8368



44.8973, 53.3066, 44.9552

Square

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



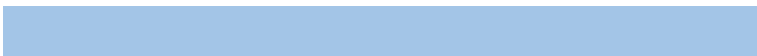
58.7415, 53.3066, 61.8368



51.9746, 53.3066, 38.7070



43.3673, 53.3066, 54.4054



49.3801, 53.3066, 82.9340

Rectangle

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



58.7415, 53.3066, 61.8368



56.8314, 53.3066, 44.7475



43.3673, 53.3066, 54.4054



44.9640, 53.3066, 73.7385

Sweetspot

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



58.7430, 53.3090, 61.8379



88.9578, 90.0621, 99.9437



56.3393, 51.6565, 80.4008



18.9045, 19.0557, 21.1895



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.



58.7430, 53.3090, 61.8379



72.5553, 63.6827, 74.6670



57.3755, 54.0727, 50.5959



14.6248, 14.4671, 16.2245



19.7235, 10.0236, 7.4387



1.5029, 0.7589, 0.7888

Inverse Universe

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



58.7430, 53.3090, 61.8379



72.5553, 63.6827, 74.6670



59.4834, 68.6175, 83.5089



14.6248, 14.4671, 16.2245



19.7235, 10.0236, 7.4387



1.5029, 0.7589, 0.7888

Previews

White Background



This preview shows how the XYZ color 58.7415, 53.3066, 61.8368 looks on a white background.

Color Contrast Check

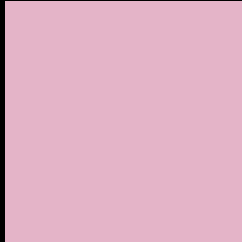
Large Text (above 18pt) WCAG AA × Fail

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 58.7415, 53.3066, 61.8368 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 58.7415, 53.3066, 61.8368

Background



This preview shows how black text looks on a background with the XYZ color 58.7415, 53.3066, 61.8368.



This preview shows how white text looks on a background with the XYZ color 58.7415, 53.3066,

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

58.7415, 53.3066, 61.8368

Protanopia

52.1044, 53.5417, 66.6199

Deuteranopia

54.3736, 53.2195, 61.4394



Tritanopia

58.0528, 53.3188, 58.8616

Trichromacy



Original Color

58.7415, 53.3066, 61.8368

Protanomaly

54.3359, 53.4479, 64.5794

Deuteranomaly

55.7682, 53.0034, 61.3242

Tritanomaly

58.2805, 53.4099, 60.0607

Monochromacy



Original Color

58.7415, 53.3066, 61.8368

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.8363, 54.7487, 61.1035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7415, 53.3066, 61.8368 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(228, 180, 200)` looks like.

```
.text, #text, p{  
    color:rgb(228, 180, 200)  
}
```

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(228, 180, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 180, 200) }
```

Border

The CSS property to change the border of an element to XYZ 58.7415, 53.3066, 61.8368 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(228, 180, 200) }
```


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

```
.border{ border-color:rgb(228, 180, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 180, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 180, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 180, 200);  
box-shadow:4px 4px 4px 4px rgb(228, 180,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7415, 53.3066, 61.8368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 180, 200) }
```

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

```
.background{ background-color: rgb(228,  
180, 200) }
```

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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