

Converting Colors

XYZ(59.2538, 53.8116, 50.9797)

Have a look what the booklet for
XYZ(59.2538, 53.8116, 50.9797)
contains.

XYZ(59.2538, 53.8116, 50.9797)	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(59.2538, 53.8116,
50.9797)**

Conversions

Conversions Part 1

Format	Color
Hex	ECB4B5
RGB	236, 180, 181
RGB Percent	93%, 71%, 71%
CMY	0.0745, 0.2941, 0.2902
CMYK	0.00, 0.24, 0.23, 0.07
HSL	359°, 60%, 82%
HSV	359°, 24%, 93%
XYZ	59.2538, 53.8116, 50.9797
YIQ	196.8580, 33.0550, 12.1830

Conversions

Conversions Part 2

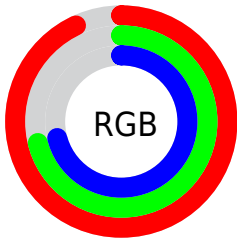
Format	Color
R _Y B	236, 180, 181
Decimal	15512757
CIE Lab	78.35, 20.44, 7.37
CIE LCh	78, 21.733, 19.834
Yxy	53.8116, 0.3612, 0.3280
Android (android.graphics.Color)	4293702837 (0xFFECB4B5)
YUV	196.8580, -7.8180, 34.3275
Hunter-Lab	73.3564, 15.8101, 10.1453

Details

The XYZ color **59.2538, 53.8116, 50.9797** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.8155, 75.6936, 89.8480**, and the grayscale version is **53.0182, 55.7793, 60.7436**.

A 20% lighter version of the original color is **86.5215, 87.3653, 92.4238**, and **30.0761, 26.3210, 23.9173** is the 20% darker color. If you saturate the color by 10%, you get **52.7050, 44.2088, 38.0222**, and if you desaturate by 10%, it is **67.0124, 65.1999, 66.2940**.

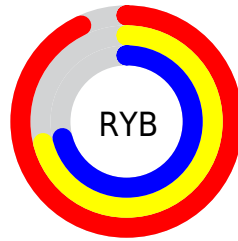
Distribution



Red (93%)

Green (71%)

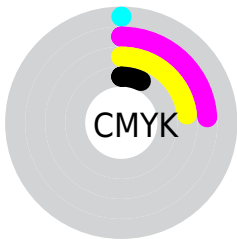
Blue (71%)



Red (93%)

Yellow (71%)

Blue (71%)

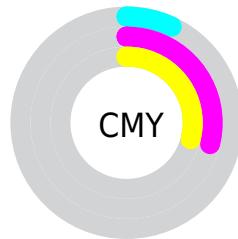


Cyan (0%)

Magenta (24%)

Yellow (23%)

Black (7%)



Cyan (7%)


Magenta (29%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.2538, 53.8116, 50.9797 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 59.2538, 53.8116, 50.9797 by changing the saturation by 10% instead.


 59.2538, 53.8116,
50.9797

 59.2538, 53.8116,
50.9797


411.7208,
401.3912, 407.3292

 43.0646, 38.4511,
35.8158


 102.8590, 95.7976,
93.0360

 30.1306, 26.3330,
24.0034


131.0057,
123.1918, 120.7654

 20.0863, 17.0729,
15.1239

163.8689,
155.3660, 153.5205

 12.5664, 10.2865,
8.7588

201.8140,
192.7046, 191.7198

 7.2056, 5.5893,
4.4896

245.2064,
235.5921, 235.7817

 3.6385, 2.5970,
1.8976

294.4115,

 1.4997, 0.9252,

284.4127, 286.1249

0.4912

349.7944,
339.5510, 343.1679

■ 0.3256, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.2538, 53.8116,
50.9797

■ 59.2538, 53.8116,
50.9797

■ 52.7050, 44.2088,
38.0222

■ 67.0124, 65.1999,
66.2940

■ 47.3010, 36.2940,
27.3015

■ 76.0329, 78.4499,
84.0705

■ 42.9774, 29.9720,
18.6920

■ 86.3694, 93.6424,
104.4121

■ 39.6616, 25.1349,
12.0544

■ 88.4022, 96.5729,
108.5889

■ 37.2721, 21.6616,
7.2327

■ 35.7148, 19.4118,
4.0473

■ 34.8756, 18.2152,
2.2822

■ 34.6152, 17.8421,
1.7399

Harmonies

Analogous

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



59.6492, 53.8116, 62.8351



59.2538, 53.8116, 50.9797



56.6195, 53.8116, 42.4161

Triad

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



59.2538, 53.8116, 50.9797



45.1327, 53.8116, 44.7126



49.7127, 53.8116, 84.8790

Complementary

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



59.2538, 53.8116, 50.9797



63.8155, 75.6936, 89.8480

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.



46.0377, 53.8116, 78.4314



59.2538, 53.8116, 50.9797



43.4925, 53.8116, 54.5438

Square

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



59.2538, 53.8116, 50.9797



48.4144, 53.8116, 39.1614



43.8143, 53.8116, 66.9260



53.9791, 53.8116, 83.5743

Rectangle

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



59.2538, 53.8116, 50.9797



54.0255, 53.8116, 39.1970



43.8143, 53.8116, 66.9260



48.3713, 53.8116, 83.5153

Sweetspot

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



59.2553, 53.8141, 50.9808



86.9221, 88.0570, 92.8946



65.4385, 56.2162, 86.7590



18.4626, 18.6388, 19.6029



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.



59.2553, 53.8141, 50.9808



67.0407, 58.8723, 53.6566



64.9352, 65.3369, 52.3720



15.0763, 15.0584, 15.6873



19.0854, 9.8369, 0.9852



1.5025, 0.7740, 0.0975

Inverse Universe

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



59.2553, 53.8141, 50.9808



67.0407, 58.8723, 53.6566



56.9786, 61.7890, 88.2805



15.0763, 15.0584, 15.6873



19.0854, 9.8369, 0.9852



1.5025, 0.7740, 0.0975

Previews

White Background



This preview shows how the XYZ color 59.2538, 53.8116, 50.9797 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 59.2538, 53.8116, 50.9797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

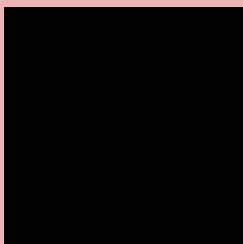
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2538, 53.8116, 50.9797

Background



This preview shows how black text looks on a background with the XYZ color 59.2538, 53.8116, 50.9797.



This preview shows how white text looks on a background with the XYZ color 59.2538, 53.8116,

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

59.2538, 53.8116, 50.9797

Protanopia

51.7003, 53.9129, 55.2583

Deuteranopia

54.9220, 53.7414, 50.6584



Tritanopia

60.3599, 53.6511, 57.0436

Trichromacy



Original Color

59.2538, 53.8116, 50.9797

Protanomaly

53.8916, 53.4663, 53.3786

Deuteranomaly

56.4300, 53.5838, 50.5485

Tritanomaly

60.1223, 53.8756, 54.8072

Monochromacy



Original Color

59.2538, 53.8116, 50.9797

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.8987, 54.8721, 56.9881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2538, 53.8116, 50.9797 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(236, 180, 181)` looks like.

```
.text, #text, p{  
    color:rgb(236, 180, 181)  
}
```

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(236, 180, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 180, 181) }
```

Border

The CSS property to change the border of an element to XYZ 59.2538, 53.8116, 50.9797 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(236, 180, 181) }
```


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

```
.border{ border-color:rgb(236, 180, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 180, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 180, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 180, 181);  
box-shadow:4px 4px 4px 4px rgb(236, 180,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2538, 53.8116, 50.9797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 180, 181) }
```

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

```
.background{ background-color: rgb(236,  
180, 181) }
```

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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