

Converting Colors

XYZ(59.9053, 55.6442, 51.5064)

Have a look what the booklet for
XYZ(59.9053, 55.6442, 51.5064)
contains.

XYZ(59.9504, 55.6963, 51.3068)	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(59.9504, 55.6963,
51.3068)**

Conversions

Conversions Part 1

Format	Color
Hex	EBB9B5
RGB	235, 185, 181
RGB Percent	92%, 73%, 71%
CMY	0.0784, 0.2745, 0.2902
CMYK	0.00, 0.21, 0.23, 0.08
HSL	4°, 57%, 82%
HSV	4°, 23%, 92%
XYZ	59.9504, 55.6963, 51.3068
YIQ	199.4940, 31.0840, 9.3560

Conversions

Conversions Part 2

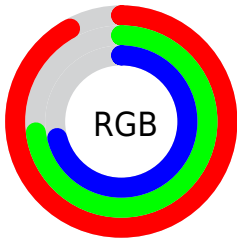
Format	Color
R _Y B	235, 185, 181
Decimal	15448501
CIE Lab	79.44, 17.42, 8.92
CIE LCh	79, 19.569, 27.118
Yxy	55.6963, 0.3591, 0.3336
Android (android.graphics.Color)	4293638581 (0xFFEBB9B5)
YUV	199.4940, -9.1175, 31.1388
Hunter-Lab	74.6300, 12.7870, 11.4801

Details

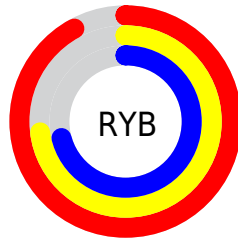
The XYZ color **59.9504, 55.6963, 51.3068** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.6266, 72.9717, 89.3818**, and the grayscale version is **54.6308, 57.4759, 62.5912**.

A 20% lighter version of the original color is **87.9814, 90.2850, 92.9104**, and **30.5076, 27.5260, 24.1272** is the 20% darker color. If you saturate the color by 10%, you get **53.5312, 46.3965, 38.2572**, and if you desaturate by 10%, it is **67.4759, 66.5569, 66.7330**.

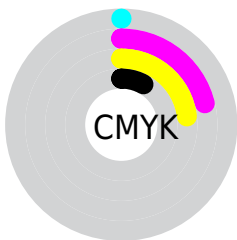
Distribution



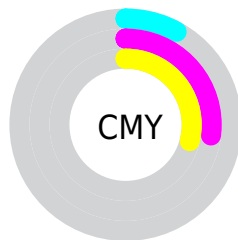
- Red (92%)
- Green (73%)
- Blue (71%)



- Red (92%)
- Yellow (73%)
- Blue (71%)



- Cyan (0%)
- Magenta (21%)
- Yellow (23%)
- Black (8%)





- Cyan (8%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.9504, 55.6963, 51.3068 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 59.9504, 55.6963, 51.3068 by changing the saturation by 10% instead.


 59.9504, 55.6963,
51.3068

 59.9504, 55.6963,
51.3068


414.2526,
408.5460, 408.6351

 43.6280, 39.9595,
36.0744


 103.8645, 98.5604,
93.5243

 30.5748, 27.5070,
24.2015


132.1868,
126.4565, 121.3464

 20.4255, 17.9543,
15.2696

165.2398,
159.1744, 154.2022

 12.8148, 10.9172,
8.8601

203.3889,
197.0986, 192.5102

 7.3772, 6.0112,
4.5545

246.9993,
240.6135, 236.6890

 3.7475, 2.8519,
1.9342

296.4365,

 1.5603, 1.0549,

290.1034, 287.1570

0.5144

352.0658,
345.9528, 344.3329

■ 0.3663, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9504, 55.6963,
51.3068

■ 59.9504, 55.6963,
51.3068

■ 53.5312, 46.3965,
38.2572

■ 67.4759, 66.5569,
66.7330

■ 48.1617, 38.5784,
27.4627

■ 76.1517, 79.0374,
84.6420

■ 43.7875, 32.1680,
18.7965

■ 86.0249, 93.2030,
105.1378

■ 40.3469, 27.0814,
12.1178

■ 88.0711, 96.4022,
108.5734

■ 37.7719, 23.2259,
7.2686

■ 35.9849, 20.4970,
4.0673

■ 34.8941, 18.7726,
2.2944

■ 34.4682, 18.0765,
1.6724

Harmonies

Analogous

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



60.8467, 55.6963, 61.7382



59.9504, 55.6963, 51.3068



57.1459, 55.6963, 44.2287

Triad

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



59.9504, 55.6963, 51.3068



46.8435, 55.6963, 49.6397



52.5587, 55.6963, 84.9199

Complementary

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



59.9504, 55.6963, 51.3068



62.6266, 72.9717, 89.3818

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.



48.9412, 55.6963, 80.6880



59.9504, 55.6963, 51.3068



45.7455, 55.6963, 59.5624

Square

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



59.9504, 55.6963, 51.3068



49.5683, 55.6963, 43.3531



46.4943, 55.6963, 71.0500



56.4564, 55.6963, 82.0112

Rectangle

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



59.9504, 55.6963, 51.3068



54.6398, 55.6963, 41.9034



46.4943, 55.6963, 71.0500



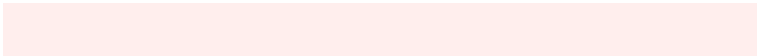
51.2712, 55.6963, 84.2742

Sweetspot

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



59.9519, 55.6989, 51.3079



87.2606, 88.8085, 92.7783



65.2657, 56.5027, 83.3645



18.5407, 18.8121, 19.5761



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.



59.9519, 55.6989, 51.3079



68.0248, 61.0539, 53.3272



66.0455, 67.8861, 53.3392



15.1552, 15.2334, 15.6603



19.2172, 10.1287, 0.9422



1.5404, 0.8581, 0.0844

Inverse Universe

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



62.6266, 72.9717, 89.3818



71.8155, 85.5491, 107.3353



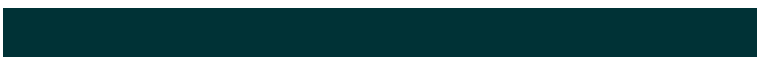
55.7401, 59.1987, 87.0863



15.4165, 16.9195, 19.3755



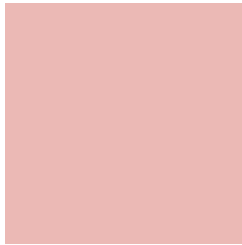
22.2789, 31.2048, 48.5919



1.7780, 2.5075, 3.8252

Previews

White Background



This preview shows how the XYZ color 59.9504, 55.6963, 51.3068 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 59.9504, 55.6963, 51.3068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

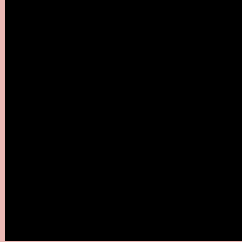
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.9504, 55.6963, 51.3068

Background



This preview shows how black text looks on a background with the XYZ color 59.9504, 55.6963, 51.3068.



This preview shows how white text looks on a background with the XYZ color 59.9504, 55.6963,

51.3068.

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

59.9504, 55.6963, 51.3068

Protanopia

53.3382, 55.7642, 54.9661

Deuteranopia

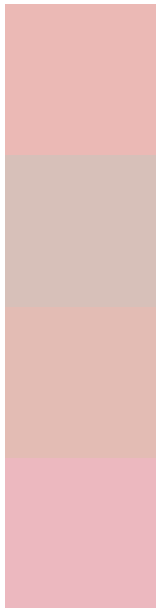
56.7759, 55.6518, 50.9295



Tritanopia

61.9366, 55.9027, 60.3492

Trichromacy



Original Color

59.9504, 55.6963, 51.3068

Protanomaly

55.6309, 55.6491, 53.7082

Deuteranomaly

57.9000, 55.5926, 50.8588

Tritanomaly

61.1365, 55.8754, 56.8530

Monochromacy



Original Color

59.9504, 55.6963, 51.3068

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.9576, 56.3864, 57.8036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9504, 55.6963, 51.3068 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(235, 185, 181)` looks like.

```
.text, #text, p{  
    color:rgb(235, 185, 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(235, 185, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 185, 181) }
```

Border

The CSS property to change the border of an element to XYZ 59.9504, 55.6963, 51.3068 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(235, 185, 181) }
```


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

```
.border{ border-color:rgb(235, 185, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 185, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 185, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 185, 181);  
box-shadow:4px 4px 4px 4px rgb(235, 185,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9504, 55.6963, 51.3068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 185, 181) }
```

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

```
.background{ background-color: rgb(235,  
185, 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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