

Converting Colors

XYZ(59.6502, 58.5353, 51.1821)

Have a look what the booklet for
XYZ(59.6502, 58.5353, 51.1821)
contains.

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Color

**XYZ(59.5249, 58.3728,
51.3098)**

Conversions

Conversions Part 1

Format	Color
Hex	E4C2B4
RGB	228, 194, 180
RGB Percent	89%, 76%, 71%
CMY	0.1059, 0.2392, 0.2941
CMYK	0.00, 0.15, 0.21, 0.11
HSL	18°, 47%, 80%
HSV	18°, 21%, 89%
XYZ	59.5249, 58.3728, 51.3098
YIQ	202.5700, 24.7580, 2.8540

Conversions

Conversions Part 2

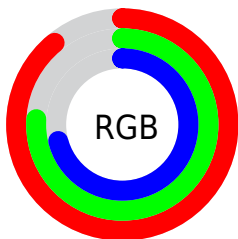
Format	Color
R _Y B	228, 200, 180
Decimal	14992052
CIE Lab	80.95, 9.91, 11.51
CIE LCh	81, 15.192, 49.265
Yxy	58.3728, 0.3518, 0.3450
Android (android.graphics.Color)	4293182132 (0xFFE4C2B4)
YUV	202.5700, -11.1270, 22.3021
Hunter-Lab	76.4021, 5.3658, 13.6637

Details

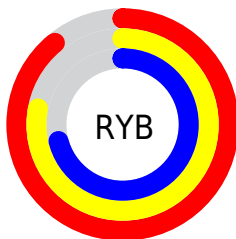
The XYZ color **59.5249, 58.3728, 51.3098** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.8721, 63.3963, 82.6384**, and the grayscale version is **56.5531, 59.4982, 64.7936**.

A 20% lighter version of the original color is **90.8775, 96.3105, 93.1569**, and **30.2221, 29.0591, 24.0948** is the 20% darker color. If you saturate the color by 10%, you get **53.9902, 50.7194, 38.9328**, and if you desaturate by 10%, it is **65.8355, 66.9654, 65.8317**.

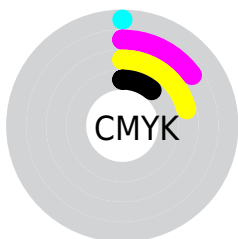
Distribution



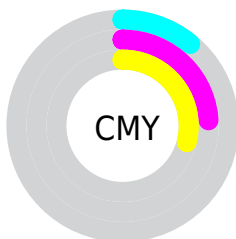
- Red (89%)
- Green (76%)
- Blue (71%)



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



- Cyan (0%)
- Magenta (15%)
- Yellow (21%)
- Black (11%)





- Cyan (11%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.5249, 58.3728, 51.3098 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 59.5249, 58.3728, 51.3098 by changing the saturation by 10% instead.


 59.5249, 58.3728,
51.3098

 59.5249, 58.3728,
51.3098


412.7072,
418.5736, 408.6471

 43.2838, 42.1084,
36.0768


 103.2504,
102.4655, 93.5287

 30.3033, 29.1862,
24.2033


131.4656,
131.0627, 121.3517

 20.2182, 19.2217,
15.2709


164.4028,
164.5396, 154.2085

 12.6629, 11.8306,
8.8610

202.4274,
203.2806, 192.5175

 7.2722, 6.6284,
4.5551

245.9048,
247.6701, 236.6973

 3.6808, 3.2308,
1.9345

295.2003,

 1.5232, 1.2534,

298.0925, 287.1665

0.5146

350.6794,
354.9322, 344.3436

■ 0.3415, 0.1047,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5249, 58.3728,
51.3098

■ 59.5249, 58.3728,
51.3098

■ 53.9902, 50.7194,
38.9328

■ 65.8355, 66.9654,
65.8317

■ 49.1954, 43.9650,
28.5945

■ 72.9464, 76.5201,
82.5904

■ 45.1090, 38.0779,
20.1854

■ 80.8869, 87.0685,
101.6767

■ 41.6948, 33.0217,
13.5838

■ 85.8051, 95.2341,
108.4673

■ 38.9133, 28.7570,
8.6541

■ 36.7204, 25.2411,
5.2415

■ 35.0651, 22.4263,
3.1613

■ 33.9739, 20.4516,
2.1569

Harmonies

Analogous

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



61.3924, 58.3728, 58.0099



59.5249, 58.3728, 51.3098



56.6164, 58.3728, 48.0061

Triad

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



59.5249, 58.3728, 51.3098



49.7460, 58.3728, 60.3842



57.5022, 58.3728, 81.3620

Complementary

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



59.5249, 58.3728, 51.3098



56.8721, 63.3963, 82.6384

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.



54.3620, 58.3728, 82.1510



59.5249, 58.3728, 51.3098



49.9629, 58.3728, 69.4492

Square

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



59.5249, 58.3728, 51.3098



51.0215, 58.3728, 52.9063



51.6257, 58.3728, 77.6151



60.1944, 58.3728, 75.5514

Rectangle

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



59.5249, 58.3728, 51.3098



54.5130, 58.3728, 47.9421



51.6257, 58.3728, 77.6151



56.4615, 58.3728, 82.2427

Sweetspot

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



59.5265, 58.3754, 51.3110



89.3236, 92.3335, 95.3189



60.5055, 54.0127, 71.1236



18.9905, 19.5905, 20.0997



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.



59.5265, 58.3754, 51.3110



73.6810, 71.0515, 59.2655



65.2015, 69.7254, 53.2027



14.7179, 15.0496, 15.0336



19.7065, 11.9872, 1.2751



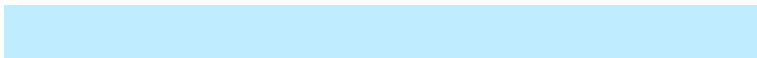
1.5344, 1.0421, 0.1203

Inverse Universe

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



56.8721, 63.3963, 82.6384



69.7097, 78.5506, 106.0954



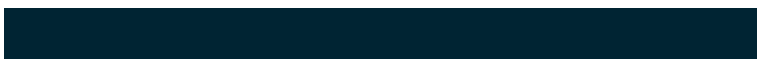
51.3269, 52.3059, 80.7900



14.4337, 15.5887, 18.3925



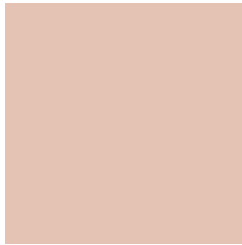
15.6011, 18.2642, 45.0863



1.2321, 1.5081, 3.3581

Previews

White Background



This preview shows how the XYZ color 59.5249, 58.3728, 51.3098 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 59.5249, 58.3728, 51.3098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

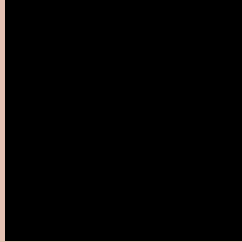
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.5249, 58.3728, 51.3098

Background



This preview shows how black text looks on a background with the XYZ color 59.5249, 58.3728, 51.3098.



This preview shows how white text looks on a background with the XYZ color 59.5249, 58.3728,

51.3098.

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

59.5249, 58.3728, 51.3098

Protanopia

55.4960, 58.2828, 53.1245

Deuteranopia

59.5249, 58.3728, 51.3098



Tritanopia

62.3879, 58.2236, 65.7077

Trichromacy



Original Color

59.5249, 58.3728, 51.3098

Protanomaly

56.9565, 58.3645, 52.5195

Deuteranomaly

59.5249, 58.3728, 51.3098

Tritanomaly

61.2277, 58.0701, 60.2062

Monochromacy



Original Color

59.5249, 58.3728, 51.3098

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.6560, 59.2457, 60.0265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5249, 58.3728, 51.3098 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, 194, 180)` looks like.

```
.text, #text, p{  
    color:rgb(228, 194, 180)  
}
```

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, 194, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 194, 180) }
```

Border

The CSS property to change the border of an element to XYZ 59.5249, 58.3728, 51.3098 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, 194, 180) }
```


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

```
.border{ border-color:rgb(228, 194, 180) }
```

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

Here you see how a box with a 4 pixel rgb(228, 194, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 194, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 194, 180);  
box-shadow:4px 4px 4px 4px rgb(228, 194,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5249, 58.3728, 51.3098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 194, 180) }
```

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

```
.background{ background-color: rgb(228,  
194, 180) }
```

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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