

Converting Colors

XYZ(58.6476, 59.5888, 58.5957)

Have a look what the booklet for
XYZ(58.6476, 59.5888, 58.5957)
contains.

XYZ(58.6643, 59.4488, 58.8349)	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(58.6643, 59.4488,
58.8349)**

Conversions

Conversions Part 1

Format	Color
Hex	D9C7C1
RGB	217, 199, 193
RGB Percent	85%, 78%, 76%
CMY	0.1490, 0.2196, 0.2431
CMYK	0.00, 0.08, 0.11, 0.15
HSL	15°, 24%, 80%
HSV	15°, 11%, 85%
XYZ	58.6643, 59.4488, 58.8349
YIQ	203.6980, 12.6540, 1.9500

Conversions

Conversions Part 2

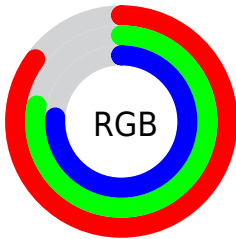
Format	Color
R _Y B	217, 201, 193
Decimal	14272449
CIE Lab	81.54, 5.29, 5.27
CIE LCh	82, 7.466, 44.880
Yxy	59.4488, 0.3315, 0.3360
Android (android.graphics.Color)	4292462529 (0xFFD9C7C1)
YUV	203.6980, -5.2741, 11.6659
Hunter-Lab	77.1030, 0.8824, 8.7298

Details

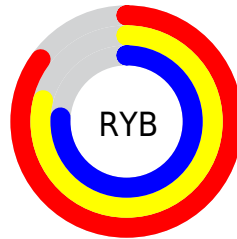
The XYZ color **58.6643, 59.4488, 58.8349** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.8107, 62.9345, 74.7468**, and the grayscale version is **57.2319, 60.2124, 65.5713**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **29.7593, 29.8256, 28.9994** is the 20% darker color. If you saturate the color by 10%, you get **52.8736, 51.4609, 45.8251**, and if you desaturate by 10%, it is **65.2139, 68.3847, 73.8515**.

Distribution



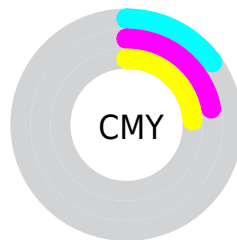
- Red (85%)
- Green (78%)
- Blue (76%)



- Red (85%)
- Yellow (79%)
- Blue (76%)



- Cyan (0%)
- Magenta (8%)
- Yellow (11%)
- Black (15%)




- Cyan (15%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.6643, 59.4488, 58.8349 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 58.6643, 59.4488, 58.8349 by changing the saturation by 10% instead.


 58.6643, 59.4488,
58.8349

 58.6643, 59.4488,
58.8349


409.5708,
422.5631, 437.9746

 42.5883, 42.9745,
42.0611

 102.0070,
104.0297, 104.6644

 29.7553, 29.8651,
28.8232


130.0044,
132.9050, 134.5572

 19.8001, 19.7362,
18.7027


162.7063,
166.6829, 169.6601

 12.3572, 12.2035,
11.2810

200.4781,
205.7476, 210.3916

 7.0614, 6.8824,
6.1396

243.6851,
250.4836, 257.1703

 3.5472, 3.3887,
2.8600

292.6926,

 1.4493, 1.3378,

301.2752, 310.4146

1.0236

347.8661,
358.5069, 370.5433

■ 0.2909, 0.1702,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6643, 59.4488,
58.8349

■ 58.6643, 59.4488,
58.8349

■ 52.8736, 51.4609,
45.8251

■ 65.2139, 68.3847,
73.8515

■ 47.8089, 44.3819,
34.7329

■ 72.5439, 78.2905,
90.9513

■ 43.4421, 38.1814,
25.4681

■ 80.1775, 88.9958,
107.5598

■ 39.7415, 32.8246,
17.9317

■ 82.4255, 93.4918,
108.3092

■ 36.6725, 28.2739,
12.0153

■ 34.1975, 24.4891,
7.5980

■ 32.2743, 21.4262,
4.5417

■ 30.8544, 19.0360,
2.6823

■ 29.9480, 17.4169,
1.7834

Harmonies

Analogous

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



59.4639, 59.4488, 62.5409



58.6643, 59.4488, 58.8349



57.2932, 59.4488, 56.7585

Triad

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



58.6643, 59.4488, 58.8349



53.6478, 59.4488, 62.5068



57.2808, 59.4488, 73.4244

Complementary

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



58.6643, 59.4488, 58.8349



57.8107, 62.9345, 74.7468

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.



55.7227, 59.4488, 73.4142



58.6643, 59.4488, 58.8349



53.6446, 59.4488, 66.9688

Square

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



58.6643, 59.4488, 58.8349



54.4067, 59.4488, 58.8109



54.3980, 59.4488, 71.0055



58.6551, 59.4488, 71.0327

Rectangle

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



58.6643, 59.4488, 58.8349



56.2486, 59.4488, 56.5141



54.3980, 59.4488, 71.0055



56.7608, 59.4488, 73.7052

Sweetspot

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



58.6659, 59.4514, 58.8362



92.0398, 95.9116, 101.9409



59.4438, 57.5956, 69.6127



19.5318, 20.2998, 21.4314



0.0000, 0.0000, 0.0000



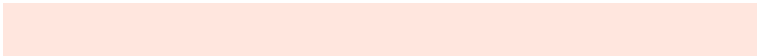
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.6659, 59.4514, 58.8362



82.7413, 83.1991, 80.7000



61.5358, 65.1912, 59.7928



13.3194, 13.5781, 13.6444



18.1999, 10.6853, 1.1032



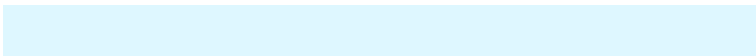
1.2475, 0.8291, 0.0943

Inverse Universe

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



57.8107, 62.9345, 74.7468



81.2995, 89.0684, 107.5147



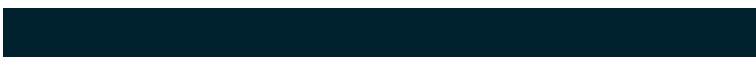
54.9409, 57.1949, 73.7902



13.1547, 14.2491, 16.7092



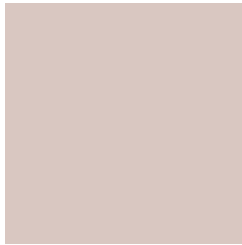
15.5671, 19.0036, 42.5860



1.0752, 1.3645, 2.7812

Previews

White Background



This preview shows how the XYZ color 58.6643, 59.4488, 58.8349 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 58.6643, 59.4488, 58.8349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

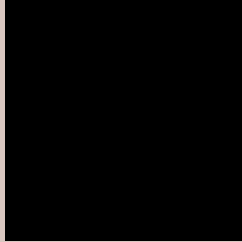
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.6643, 59.4488, 58.8349

Background



This preview shows how black text looks on a background with the XYZ color 58.6643, 59.4488, 58.8349.



This preview shows how white text looks on a background with the XYZ color 58.6643, 59.4488,

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

58.6643, 59.4488, 58.8349

Protanopia

56.9833, 59.5911, 60.1286

Deuteranopia

60.8416, 59.5436, 59.3253



Tritanopia

61.1388, 59.4490, 70.5398

Trichromacy



Original Color

58.6643, 59.4488, 58.8349

Protanomaly

57.4882, 59.5172, 59.4970

Deuteranomaly

60.1353, 59.5155, 59.3571

Tritanomaly

60.1991, 59.4004, 66.0502

Monochromacy



Original Color

58.6643, 59.4488, 58.8349

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.8404, 59.9665, 63.1698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6643, 59.4488, 58.8349 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(217, 199, 193) looks like.

```
.text, #text, p{  
    color:rgb(217, 199, 193)  
}
```

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(217, 199, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 199, 193) }
```

Border

The CSS property to change the border of an element to XYZ 58.6643, 59.4488, 58.8349 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(217, 199, 193) }
```


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

```
.border{ border-color:rgb(217, 199, 193) }
```

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

Here you see how a box with a 4 pixel rgb(217, 199, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 199, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 199, 193);  
box-shadow:4px 4px 4px 4px rgb(217, 199,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6643, 59.4488, 58.8349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 199, 193) }
```

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

```
.background{ background-color: rgb(217,  
199, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor