

Converting Colors

XYZ(58.3985, 59.4126, 57.9884)

Have a look what the booklet for
XYZ(58.3985, 59.4126, 57.9884)
contains.

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Color

**XYZ(58.2568, 59.2515,
58.2354)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C7C0
RGB	216, 199, 192
RGB Percent	85%, 78%, 75%
CMY	0.1529, 0.2196, 0.2471
CMYK	0.00, 0.08, 0.11, 0.15
HSL	18°, 24%, 80%
HSV	18°, 11%, 85%
XYZ	58.2568, 59.2515, 58.2354
YIQ	203.2850, 12.3790, 1.4270

Conversions

Conversions Part 2

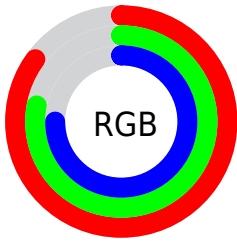
Format	Color
R _Y B	216, 202, 192
Decimal	14206912
CIE Lab	81.43, 4.77, 5.64
CIE LCh	81, 7.383, 49.775
Yxy	59.2515, 0.3315, 0.3371
Android (android.graphics.Color)	4292396992 (0xFFD8C7C0)
YUV	203.2850, -5.5635, 11.1511
Hunter-Lab	76.9750, 0.3875, 9.0267

Details

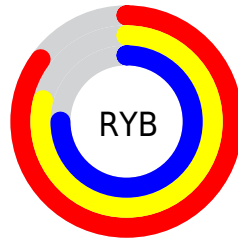
The XYZ color **58.2568, 59.2515, 58.2354** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.9333, 61.7644, 73.8876**, and the grayscale version is **56.9736, 59.9407, 65.2754**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **29.4835, 29.6919, 28.6033** is the 20% darker color. If you saturate the color by 10%, you get **52.6929, 51.6765, 45.4269**, and if you desaturate by 10%, it is **64.5291, 67.6799, 73.0144**.

Distribution



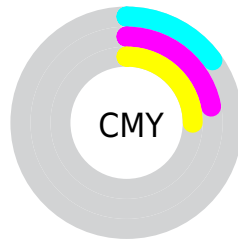
- Red (85%)
- Green (78%)
- Blue (75%)



- Red (85%)
- Yellow (79%)
- Blue (75%)



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





- Cyan (15%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2568, 59.2515, 58.2354 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 58.2568, 59.2515, 58.2354 by changing the saturation by 10% instead.


 58.2568, 59.2515,
58.2354

 58.2568, 59.2515,
58.2354

408.0806,
421.8333, 435.6852

 42.2592, 42.8156,
41.5820


 101.4175,
103.7431, 103.7837

 29.4963, 29.7405,
28.4510

129.3114,
132.5676, 133.5157

 19.6027, 19.6417,
18.4239


161.9014,
166.2904, 168.4443

 12.2132, 12.1348,
11.0822

199.5528,
205.2960, 208.9881

 6.9623, 6.8356,
6.0073

242.6311,
249.9687, 255.5655

 3.4846, 3.3595,
2.7806

291.5016,

 1.4149, 1.3222,

300.6928, 308.5951

0.9837

346.5297,
357.8529, 368.4955

■ 0.2668, 0.1583,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2568, 59.2515,
58.2354

■ 58.2568, 59.2515,
58.2354

■ 52.6929, 51.6765,
45.4269

■ 64.5291, 67.6799,
73.0144

■ 47.8069, 44.9201,
34.5014

■ 71.5291, 76.9794,
89.8387

■ 43.5731, 38.9567,
25.3703

■ 78.9901, 87.0607,
107.2489

■ 39.9624, 33.7561,
17.9365

■ 82.1293, 93.3391,
108.2953

■ 36.9432, 29.2866,
12.0934

■ 34.4809, 25.5135,
7.7226

■ 32.5369, 22.3995,
4.6883

■ 31.0666, 19.9030,
2.8294

■ 30.0986, 18.1578,
1.9184

Harmonies

Analogous

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



59.1584, 59.2515, 61.6794



58.2568, 59.2515, 58.2354



56.8457, 59.2515, 56.5002

Triad

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



58.2568, 59.2515, 58.2354



53.4440, 59.2515, 63.0165



57.3277, 59.2515, 72.8554

Complementary

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



58.2568, 59.2515, 58.2354



56.9333, 61.7644, 73.8876

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.



55.7912, 59.2515, 73.2536



58.2568, 59.2515, 58.2354



53.5677, 59.2515, 67.4358

Square

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



58.2568, 59.2515, 58.2354



54.0792, 59.2515, 59.1758



54.4203, 59.2515, 71.2301



58.6152, 59.2515, 70.1657

Rectangle

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



58.2568, 59.2515, 58.2354



55.8140, 59.2515, 56.4896



54.4203, 59.2515, 71.2301



56.8226, 59.2515, 73.2663

Sweetspot

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



58.2584, 59.2541, 58.2367



92.1386, 96.1090, 101.9738



58.7028, 56.9125, 68.3436



19.5584, 20.3529, 21.4402



0.0000, 0.0000, 0.0000



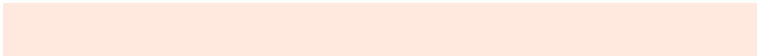
20.3446, 21.4041, 23.3091

Same Dimension

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



58.2584, 59.2541, 58.2367



83.1274, 83.9714, 80.8287



61.0788, 64.8948, 59.1768



12.7156, 13.0054, 13.0008



17.8964, 10.9101, 1.1626



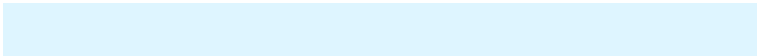
1.1505, 0.8002, 0.0938

Inverse Universe

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



56.9333, 61.7644, 73.8876



80.8795, 88.2283, 107.3747



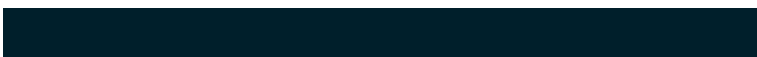
54.1454, 56.1886, 72.9583



12.4719, 13.4672, 15.8796



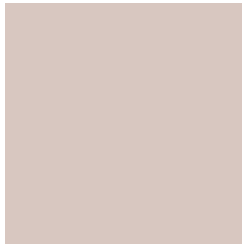
14.1729, 16.6076, 40.9117



0.9247, 1.1414, 2.4909

Previews

White Background



This preview shows how the XYZ color 58.2568, 59.2515, 58.2354 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 58.2568, 59.2515, 58.2354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

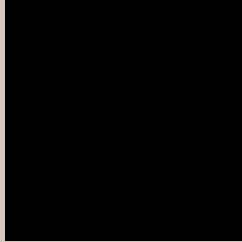
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.2568, 59.2515, 58.2354

Background



This preview shows how black text looks on a background with the XYZ color 58.2568, 59.2515, 58.2354.

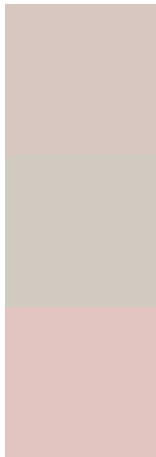


This preview shows how white text looks on a background with the XYZ color 58.2568, 59.2515,

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

58.2568, 59.2515, 58.2354

Protanopia

56.7586, 59.5012, 58.9455

Deuteranopia

60.7296, 59.4989, 58.7357



Tritanopia

60.7112, 59.2431, 69.8632

Trichromacy



Original Color

58.2568, 59.2515, 58.2354

Protanomaly

57.3763, 59.4724, 58.9073

Deuteranomaly

59.7161, 59.3124, 58.7531

Tritanomaly

59.7788, 59.1976, 65.4023

Monochromacy



Original Color

58.2568, 59.2515, 58.2354

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.4418, 59.7745, 62.5430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2568, 59.2515, 58.2354 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(216, 199, 192) looks like.

```
.text, #text, p{  
    color:rgb(216, 199, 192)  
}
```

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(216, 199, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 199, 192) }
```

Border

The CSS property to change the border of an element to XYZ 58.2568, 59.2515, 58.2354 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(216, 199, 192) }
```


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

```
.border{ border-color:rgb(216, 199, 192) }
```

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

Here you see how a box with a 4 pixel rgb(216, 199, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 199, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 199, 192);  
box-shadow:4px 4px 4px 4px rgb(216, 199,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2568, 59.2515, 58.2354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 199, 192) }
```

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

```
.background{ background-color: rgb(216,  
199, 192) }
```

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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