

Converting Colors

XYZ(58.4012, 60.0952, 59.6534)

Have a look what the booklet for
XYZ(58.4012, 60.0952, 59.6534)
contains.

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Color

**XYZ(58.3558, 59.9645,
59.5376)**

Conversions

Conversions Part 1

Format	Color
Hex	D6C9C2
RGB	214, 201, 194
RGB Percent	84%, 79%, 76%
CMY	0.1608, 0.2117, 0.2392
CMYK	0.00, 0.06, 0.09, 0.16
HSL	21°, 20%, 80%
HSV	21°, 9%, 84%
XYZ	58.3558, 59.9645, 59.5376
YIQ	204.0890, 9.9950, 0.5790

Conversions

Conversions Part 2

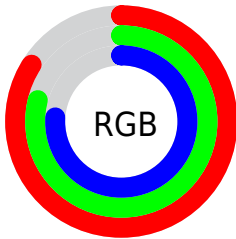
Format	Color
R _Y B	214, 205, 194
Decimal	14076354
CIE Lab	81.82, 3.33, 5.11
CIE LCh	82, 6.097, 56.889
Yxy	59.9645, 0.3281, 0.3371
Android (android.graphics.Color)	4292266434 (0xFFD6C9C2)
YUV	204.0890, -4.9739, 8.6919
Hunter-Lab	77.4367, -0.9979, 8.6203

Details

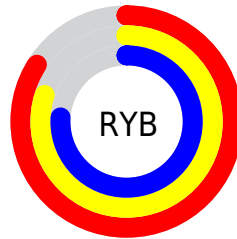
The XYZ color **58.3558, 59.9645, 59.5376** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.6984, 60.9489, 72.3949**, and the grayscale version is **57.4782, 60.4715, 65.8535**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **29.4654, 30.1318, 29.0740** is the 20% darker color. If you saturate the color by 10%, you get **53.0276, 52.8809, 46.7454**, and if you desaturate by 10%, it is **64.3270, 67.7788, 74.2531**.

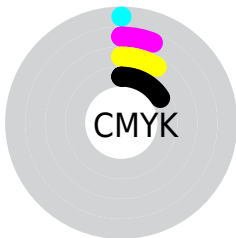
Distribution



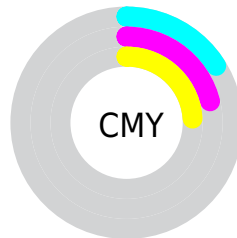
- Red (84%)
- Green (79%)
- Blue (76%)



- Red (84%)
- Yellow (80%)
- Blue (76%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (16%)



- Cyan (16%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3558, 59.9645, 59.5376 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 58.3558, 59.9645, 59.5376 by changing the saturation by 10% instead.

■ 58.3558, 59.9645,
59.5376

■ 58.3558, 59.9645,
59.5376

408.4429,
424.4669, 440.6485

■ 42.3391, 43.3900,
42.6232

■ 101.5608,
104.7782, 105.6954

■ 29.5592, 30.1913,
29.2604

129.4798,
133.7861, 135.7759

■ 19.6507, 19.9838,
19.0306

162.0970,
167.7074, 171.0821

■ 12.2481, 12.3833,
11.5154

199.7777,
206.9264, 212.0326

■ 6.9863, 7.0053,
6.2961

242.8873,
251.8274, 259.0460

■ 3.4998, 3.4654,
2.9543

291.7912,

■ 1.4232, 1.3793,

302.7949, 312.5407

1.0713

346.8546,
360.2133, 372.9354

■ 0.2727, 0.2014,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3558, 59.9645,
59.5376

■ 58.3558, 59.9645,
59.5376

■ 53.0276, 52.8809,
46.7454

■ 64.3270, 67.7788,
74.2531

■ 48.3148, 46.4987,
35.7926

■ 70.9576, 76.3364,
90.9635

■ 44.1954, 40.7981,
26.5947

■ 77.7495, 85.4516,
107.0037

■ 40.6439, 35.7553,
19.0589

■ 81.5418, 93.0363,
108.2678

■ 37.6326, 31.3453,
13.0838

■ 35.1314, 27.5409,
8.5571

■ 33.1068, 24.3129,
5.3507

■ 31.5203, 21.6291,
3.3137

■ 30.3138, 19.4480,
2.1964

Harmonies

Analogous

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



59.2282, 59.9645, 62.1406



58.3558, 59.9645, 59.5376



57.1287, 59.9645, 58.4726

Triad

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



58.3558, 59.9645, 59.5376



54.5610, 59.9645, 64.9077



58.1201, 59.9645, 71.8126

Complementary

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



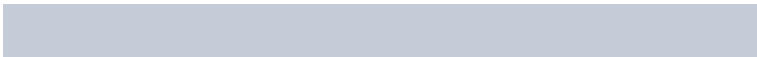
58.3558, 59.9645, 59.5376



56.6984, 60.9489, 72.3949

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.



56.8604, 59.9645, 72.6202



58.3558, 59.9645, 59.5376



54.8176, 59.9645, 68.5464

Square

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



58.3558, 59.9645, 59.5376



54.9484, 59.9645, 61.4989



55.6545, 59.9645, 71.4039



59.0907, 59.9645, 69.2362

Rectangle

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



58.3558, 59.9645, 59.5376



56.2791, 59.9645, 58.7471



55.6545, 59.9645, 71.4039



57.7158, 59.9645, 72.3040

Sweetspot

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



58.3575, 59.9671, 59.5389



92.2772, 96.3863, 102.0200



58.2866, 57.3856, 67.0367



19.5957, 20.4276, 21.4527



0.0000, 0.0000, 0.0000



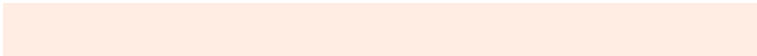
20.3446, 21.4041, 23.3091

Same Dimension

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



58.3575, 59.9671, 59.5389



85.3168, 87.2403, 84.9793



60.7641, 64.7804, 60.3411



12.7754, 13.1251, 13.0208



18.3690, 11.8552, 1.3201



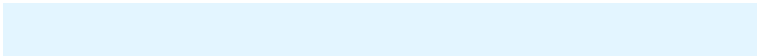
1.1844, 0.8680, 0.1051

Inverse Universe

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



56.6984, 60.9489, 72.3949



82.4187, 88.9547, 107.4338



54.3528, 56.2578, 71.6130



12.4092, 13.3418, 15.8587



13.0228, 14.3075, 40.5284



0.8618, 1.0155, 2.4699

Previews

White Background



This preview shows how the XYZ color 58.3558, 59.9645, 59.5376 looks on a white background.

Color Contrast Check

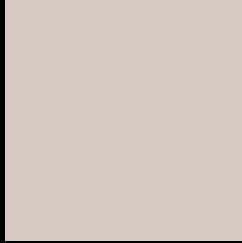
Large Text (above 18pt) WCAG AA × Fail

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 58.3558, 59.9645, 59.5376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

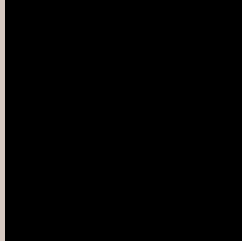
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

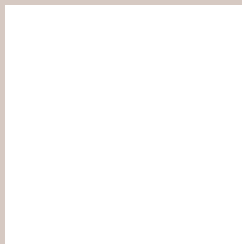
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.3558, 59.9645, 59.5376

Background



This preview shows how black text looks on a background with the XYZ color 58.3558, 59.9645, 59.5376.

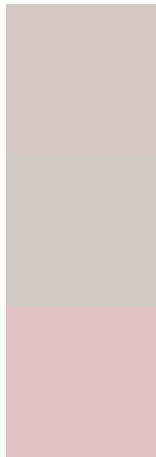


This preview shows how white text looks on a background with the XYZ color 58.3558, 59.9645,

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

58.3558, 59.9645, 59.5376

Protanopia

57.5008, 60.2073, 60.2203

Deuteranopia

61.1806, 60.0414, 59.9943



Tritanopia

60.9470, 59.9949, 71.9863

Trichromacy



Original Color

58.3558, 59.9645, 59.5376

Protanomaly

57.8348, 60.0301, 60.1685

Deuteranomaly

60.1686, 59.8579, 60.0123

Tritanomaly

60.0048, 59.9508, 67.4405

Monochromacy



Original Color

58.3558, 59.9645, 59.5376

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.7937, 60.2919, 63.2350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3558, 59.9645, 59.5376 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(214, 201, 194) looks like.

```
.text, #text, p{  
    color:rgb(214, 201, 194)  
}
```

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(214, 201, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 201, 194) }
```

Border

The CSS property to change the border of an element to XYZ 58.3558, 59.9645, 59.5376 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(214, 201, 194) }
```


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

```
.border{ border-color:rgb(214, 201, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 201, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 201, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 201, 194);  
box-shadow:4px 4px 4px 4px rgb(214, 201,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3558, 59.9645, 59.5376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 201, 194) }
```

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

```
.background{ background-color: rgb(214,  
201, 194) }
```

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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