

Converting Colors

XYZ(59.8190, 66.1889, 50.5882)

Have a look what the booklet for
XYZ(59.8190, 66.1889, 50.5882)
contains.

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Color

**XYZ(59.5775, 65.8816,
50.6506)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D7B0
RGB	213, 215, 176
RGB Percent	84%, 84%, 69%
CMY	0.1647, 0.1568, 0.3098
CMYK	0.01, 0.00, 0.18, 0.16
HSL	63°, 33%, 77%
HSV	63°, 18%, 84%
XYZ	59.5775, 65.8816, 50.6506
YIQ	209.9560, 11.3270, -12.5530

Conversions

Conversions Part 2

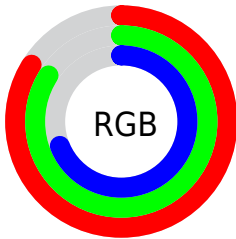
Format	Color
RYB	176, 215, 178
Decimal	14014384
CIELab	84.94, -7.16, 19.06
CIELCh	85, 20.361, 110.588
Yxy	65.8816, 0.3383, 0.3741
Android (android.graphics.Color)	4292204464 (0xFFD5D7B0)
YUV	209.9560, -16.7403, 2.6696
Hunter-Lab	81.1675, -11.0228, 19.8187

Details

The XYZ color **59.5775, 65.8816, 50.6506** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.1536, 45.4236, 70.6287**, and the grayscale version is **61.3324, 64.5264, 70.2693**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **30.2465, 33.8408, 23.6767** is the 20% darker color. If you saturate the color by 10%, you get **57.2977, 64.9350, 40.3050**, and if you desaturate by 10%, it is **62.2000, 66.9700, 62.7738**.

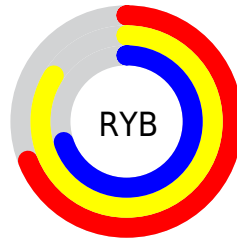
Distribution



Red (84%)

Green (84%)

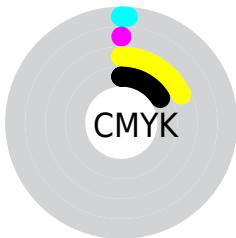
Blue (69%)



Red (69%)

Yellow (84%)

Blue (70%)

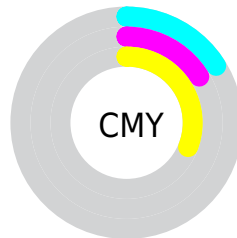


Cyan (1%)

Magenta (0%)

Yellow (18%)

Black (16%)



Cyan (16%)

Magenta (16%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.5775, 65.8816, 50.6506 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 59.5775, 65.8816, 50.6506 by changing the saturation by 10% instead.


 59.5775, 65.8816,
50.6506

 59.5775, 65.8816,
50.6506


412.8984,
445.9533, 406.0125

 43.3263, 48.1763,
35.5558


 103.3264,
113.3164, 92.5443

 30.3369, 33.9665,
23.8044


131.5548,
143.8146, 120.1803

 20.2438, 22.8679,
14.9777


164.5063,
179.3460, 152.8338

 12.6817, 14.4960,
8.6573

202.5464,
220.2949, 190.9233

 7.2852, 8.4664,
4.4246

246.0402,
267.0457, 234.8674

 3.6890, 4.3948,
1.8610

295.3533,

 1.5277, 1.8968,

319.9827, 285.0846

0.4678

350.8509,
379.4905, 341.9934

■ 0.3446, 0.5464,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5775, 65.8816,
50.6506

■ 59.5775, 65.8816,
50.6506

■ 57.2977, 64.9350,
40.3050

■ 62.2000, 66.9700,
62.7738

■ 55.3395, 64.1151,
31.6493

■ 65.1746, 68.1972,
76.7481

■ 53.6876, 63.4179,
24.5949

■ 68.5172, 69.5719,
92.6481

■ 52.3232, 62.8360,
19.0436

■ 71.0923, 70.6399,
104.4956

■ 51.2257, 62.3611,
14.8860

■ 71.4228, 70.8102,
104.5111

■ 50.3715, 61.9837,
11.9984

■ 71.7554, 70.9817,
104.5267

■ 49.7329, 61.6929,
10.2348

■ 72.0903, 71.1543,
104.5423

■ 49.2696, 61.4724,
9.3834

■ 72.4273, 71.3281,
104.5581

■ 49.1913, 61.4346,
9.2654

■ 72.7666, 71.5030,
104.5740

Harmonies

Analogous

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



64.0672, 65.8816, 49.6509



59.5775, 65.8816, 50.6506



56.0686, 65.8816, 56.9062

Triad

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



59.5775, 65.8816, 50.6506



57.2009, 65.8816, 92.9985



71.6984, 65.8816, 75.9306

Complementary

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



59.5775, 65.8816, 50.6506



46.1536, 45.4236, 70.6287

Split Complementary

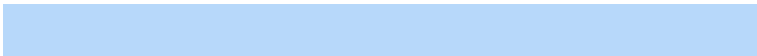
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.6595, 65.8816, 88.9365



59.5775, 65.8816, 50.6506



61.1918, 65.8816, 99.5512

Square

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



59.5775, 65.8816, 50.6506



54.7436, 65.8816, 80.9572



65.7612, 65.8816, 97.9804



71.2145, 65.8816, 63.2391

Rectangle

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



59.5775, 65.8816, 50.6506



54.6872, 65.8816, 63.6867



65.7612, 65.8816, 97.9804



71.2818, 65.8816, 80.4318

Sweetspot

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



59.5792, 65.8845, 50.6520



92.8239, 99.0818, 98.4338



51.7734, 49.4042, 47.8824



19.8035, 21.1809, 20.7662



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.



59.5792, 65.8845, 50.6520



86.2444, 96.3561, 68.0250



54.2721, 63.1486, 50.4036



13.4068, 14.4859, 13.2502



29.4489, 36.7578, 5.5428



1.7960, 2.2272, 0.3352

Inverse Universe

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



46.1536, 45.4236, 70.6287



62.7489, 60.5472, 102.9873



50.9371, 47.8896, 70.8525



11.8011, 12.0388, 15.6393



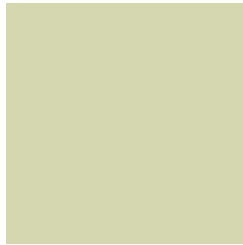
7.4463, 2.9912, 38.6381



0.4704, 0.1914, 2.3315

Previews

White Background



This preview shows how the XYZ color 59.5775, 65.8816, 50.6506 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 59.5775, 65.8816, 50.6506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

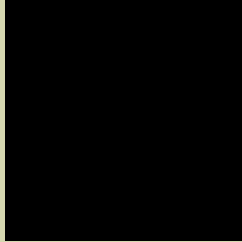
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

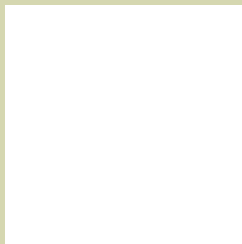
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.5775, 65.8816, 50.6506

Background



This preview shows how black text looks on a background with the XYZ color 59.5775, 65.8816, 50.6506.



This preview shows how white text looks on a background with the XYZ color 59.5775, 65.8816,

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

59.5775, 65.8816, 50.6506

Protanopia

61.9239, 65.9903, 49.5180

Deuteranopia

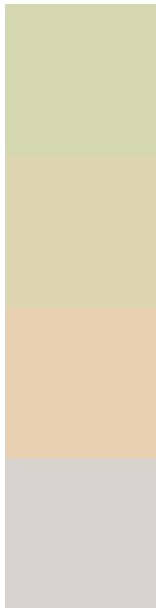
66.9370, 65.6332, 51.2600



Tritanopia

65.6617, 65.7636, 80.4671

Trichromacy



Original Color

59.5775, 65.8816, 50.6506

Protanomaly

61.0473, 65.8993, 50.0597

Deuteranomaly

64.0960, 65.6097, 50.8807

Tritanomaly

63.1720, 65.8452, 68.4114

Monochromacy



Original Color

59.5775, 65.8816, 50.6506

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.6005, 65.0131, 62.7809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5775, 65.8816, 50.6506 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(213, 215, 176) looks like.

```
.text, #text, p{  
    color:rgb(213, 215, 176)  
}
```

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(213, 215, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 215, 176) }
```

Border

The CSS property to change the border of an element to XYZ 59.5775, 65.8816, 50.6506 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(213, 215, 176) }
```


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

```
.border{ border-color:rgb(213, 215, 176) }
```

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

Here you see how a box with a 4 pixel rgb(213, 215, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 215, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 215, 176);  
box-shadow:4px 4px 4px 4px rgb(213, 215,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5775, 65.8816, 50.6506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 215, 176) }
```

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

```
.background{ background-color: rgb(213,  
215, 176) }
```

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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