

Converting Colors

XYZ(59.8516, 65.4511, 76.4966)

Have a look what the booklet for
XYZ(59.8516, 65.4511, 76.4966)
contains.

XYZ(59.8516, 65.4511, 76.4966)	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(59.8516, 65.4511,
76.4966)**

Conversions

Conversions Part 1

Format	Color
Hex	C4D7DB
RGB	196, 215, 219
RGB Percent	77%, 84%, 86%
CMY	0.2314, 0.1568, 0.1412
CMYK	0.11, 0.02, 0.00, 0.14
HSL	190°, 24%, 81%
HSV	190°, 11%, 86%
XYZ	59.8516, 65.4511, 76.4966
YIQ	209.7750, -12.6080, -2.7840

Conversions

Conversions Part 2

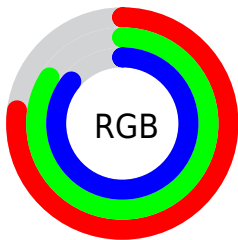
Format	Color
R_{YB}	196, 206, 219
Decimal	12900315
CIE _{Lab}	84.72, -5.56, -4.15
CIE _{LCh}	85, 6.934, 216.756
Yxy	65.4511, 0.2966, 0.3243
Android (android.graphics.Color)	4291090395 (0xFFC4D7DB)
YUV	209.7750, 4.5479, -12.0807
Hunter-Lab	80.9019, -9.5230, 0.5697

Details

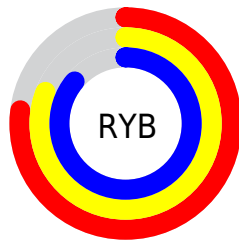
The XYZ color **59.8516, 65.4511, 76.4966** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.8319, 60.3539, 60.7218**, and the grayscale version is **61.0896, 64.2710, 69.9912**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **30.4270, 33.5727, 39.9985** is the 20% darker color. If you saturate the color by 10%, you get **53.6084, 60.8124, 75.9313**, and if you desaturate by 10%, it is **66.9527, 70.5691, 77.1112**.

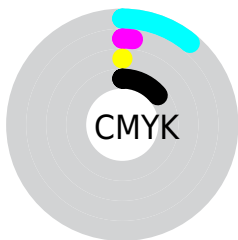
Distribution



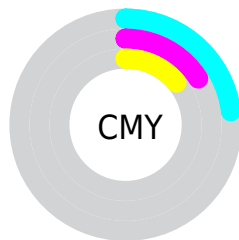
- Red (77%)
- Green (84%)
- Blue (86%)



- Red (77%)
- Yellow (81%)
- Blue (86%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (14%)



- Cyan (23%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8516, 65.4511, 76.4966 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 59.8516, 65.4511, 76.4966 by changing the saturation by 10% instead.

■ 59.8516, 65.4511,
76.4966

■ 59.8516, 65.4511,
76.4966

413.8941,
444.4113, 502.4380

■ 43.5480, 47.8270,
56.3307

103.7219,
112.6982, 130.1951

■ 30.5117, 33.6899,
40.0624

132.0194,
143.0898, 164.5649

■ 20.3773, 22.6555,
27.2730

165.0456,
178.5062, 204.5063

■ 12.7795, 14.3393,
17.5441

203.1658,
219.3316, 250.4380

■ 7.3528, 8.3570,
10.4571

246.7454,
265.9503, 302.7785

■ 3.7320, 4.3242,
5.5936

296.1497,

■ 1.5517, 1.8565,

318.7470, 361.9463

2.5348

351.7442,
378.1058, 428.3599

■ 0.3606, 0.5221,
0.8585

■ 0.0000, 0.0000,
0.0000

■ 59.8516, 65.4511,
76.4966

■ 59.8516, 65.4511,
76.4966

■ 53.6084, 60.8124,
75.9313

■ 66.9527, 70.5691,
77.1112

■ 48.1813, 56.6258,
75.4093


■ 74.9397, 76.1757,
77.7724


■ 43.5336, 52.8741,
74.9301


■ 81.3376, 80.9970,
78.3658


■ 39.6234, 49.5354,
74.4917


■ 82.3866, 83.0950,
78.7155


 36.4050, 46.5859,
74.0920


 83.4587, 85.2392,
79.0729


 33.8271, 43.9989,
73.7286


 84.5541, 87.4300,
79.4380


 31.8313, 41.7441,
73.3985

 85.6729, 89.6676,
79.8109

 30.3482, 39.7854,
73.0986

 86.8153, 91.9524,
80.1917

 29.2989, 38.1395,
72.8363

 87.9814, 94.2845,
80.5804

Harmonies

Analogous

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



59.2960, 65.4511, 72.2742



59.8516, 65.4511, 76.4966



61.0404, 65.4511, 79.4002

Triad

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



59.8516, 65.4511, 76.4966



64.9885, 65.4511, 74.6874



61.8593, 65.4511, 63.1195

Complementary

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



59.8516, 65.4511, 76.4966



59.8319, 60.3539, 60.7218

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.



63.3931, 65.4511, 63.7056



59.8516, 65.4511, 76.4966



65.2166, 65.4511, 70.2655

Square

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



59.8516, 65.4511, 76.4966



64.0101, 65.4511, 78.3257



64.6281, 65.4511, 66.2778



60.4426, 65.4511, 64.6421

Rectangle

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



59.8516, 65.4511, 76.4966



62.0408, 65.4511, 80.1324



64.6281, 65.4511, 66.2778



62.3781, 65.4511, 63.0774

Sweetspot

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



59.8535, 65.4538, 76.4981



91.8687, 97.7326, 108.6300



58.5035, 66.5623, 64.3071



19.4858, 20.7914, 23.2361



0.0000, 0.0000, 0.0000



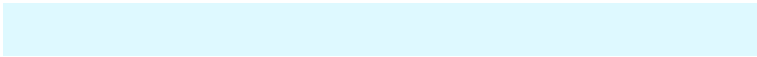
20.3446, 21.4041, 23.3091

Same Dimension

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



59.8535, 65.4538, 76.4981



82.0780, 90.6253, 107.7742



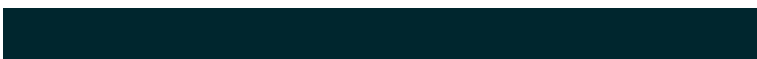
57.0660, 59.8789, 75.5689



13.2423, 14.4244, 16.7384



17.4442, 22.7578, 43.2117



1.1818, 1.5778, 2.8167

Inverse Universe

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



61.2206, 59.4476, 72.5410



84.4577, 80.2774, 100.8620



62.5555, 65.8011, 61.6296



13.5122, 13.2340, 15.9584



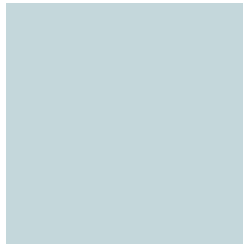
22.3004, 10.9212, 27.0254



1.4708, 0.7180, 1.8883

Previews

White Background



This preview shows how the XYZ color 59.8516, 65.4511, 76.4966 looks on a white background.

Color Contrast Check

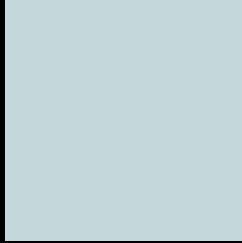
Large Text (above 18pt) WCAG AA × Fail

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 59.8516, 65.4511, 76.4966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

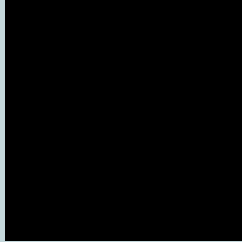
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.8516, 65.4511, 76.4966

Background



This preview shows how black text looks on a background with the XYZ color 59.8516, 65.4511, 76.4966.



This preview shows how white text looks on a background with the XYZ color 59.8516, 65.4511,

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

59.8516, 65.4511, 76.4966

Protanopia

62.8818, 65.1972, 74.2358

Deuteranopia

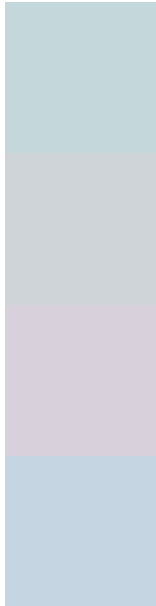
66.5610, 65.2140, 77.4860



Tritanopia

61.3659, 65.3074, 84.2342

Trichromacy



Original Color

59.8516, 65.4511, 76.4966

Protanomaly

61.8000, 65.3621, 75.0046

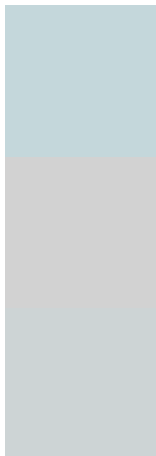
Deuteranomaly

64.0376, 65.3672, 76.9521

Tritanomaly

60.8000, 65.4544, 81.3810

Monochromacy



Original Color

59.8516, 65.4511, 76.4966

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.7306, 64.8702, 72.2711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8516, 65.4511, 76.4966 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(196, 215, 219)` looks like.

```
.text, #text, p{  
    color:rgb(196, 215, 219)  
}
```

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(196, 215, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 215, 219) }
```

Border

The CSS property to change the border of an element to XYZ 59.8516, 65.4511, 76.4966 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(196, 215, 219) }
```


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

```
.border{ border-color:rgb(196, 215, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 215, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 215, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 215, 219);  
box-shadow:4px 4px 4px 4px rgb(196, 215,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8516, 65.4511, 76.4966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 215, 219) }
```

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

```
.background{ background-color: rgb(196,  
215, 219) }
```

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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