

Converting Colors

XYZ(59.6308, 66.8718, 76.7762)

Have a look what the booklet for
XYZ(59.6308, 66.8718, 76.7762)
contains.

XYZ(59.6036, 66.8539, 76.7805)	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(59.6036, 66.8539,
76.7805)**

Conversions

Conversions Part 1

Format	Color
Hex	BFDBDB
RGB	191, 219, 219
RGB Percent	75%, 86%, 86%
CMY	0.2510, 0.1412, 0.1412
CMYK	0.13, 0.00, 0.00, 0.14
HSL	180°, 28%, 80%
HSV	180°, 13%, 86%
XYZ	59.6036, 66.8539, 76.7805
YIQ	210.6280, -16.6880, -5.9360

Conversions

Conversions Part 2

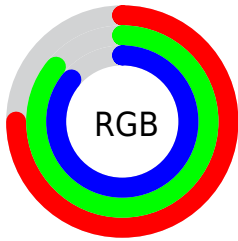
Format	Color
RYB	191, 205, 219
Decimal	12573659
CIELab	85.43, -9.23, -3.14
CIELCh	85, 9.746, 198.776
Yxy	66.8539, 0.2933, 0.3289
Android (android.graphics.Color)	4290763739 (0xFFBFDBDB)
YUV	210.6280, 4.1274, -17.2138
Hunter-Lab	81.7642, -12.9664, 1.5588

Details

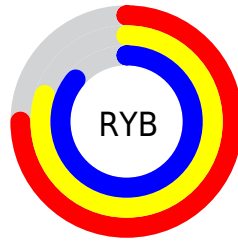
The XYZ color **59.6036, 66.8539, 76.7805** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.2506, 56.0851, 57.1013**, and the grayscale version is **61.6546, 64.8655, 70.6385**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **30.2928, 34.5496, 40.1941** is the 20% darker color. If you saturate the color by 10%, you get **54.5028, 64.2262, 76.5415**, and if you desaturate by 10%, it is **65.5318, 69.9117, 77.0610**.

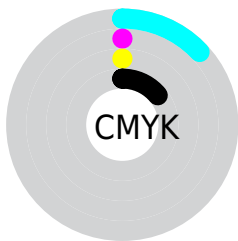
Distribution



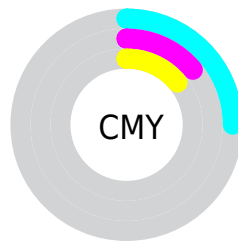
- Red (75%)
- Green (86%)
- Blue (86%)



- Red (75%)
- Yellow (80%)
- Blue (86%)



- Cyan (13%)
- Magenta (0%)
- Yellow (0%)
- Black (14%)



- Cyan (25%)
- Magenta (14%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6036, 66.8539, 76.7805 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 59.6036, 66.8539, 76.7805 by changing the saturation by 10% instead.

■ 59.6036, 66.8539,
76.7805

■ 59.6036, 66.8539,
76.7805

412.9933,
449.4246, 503.4331

■ 43.3474, 48.9659,
56.5623

■ 103.3640,
114.7110, 130.5998

■ 30.3535, 34.5924,
40.2469

131.5990,
145.4490, 165.0379

■ 20.2565, 23.3491,
27.4158

164.5577,
181.2390, 205.0530

■ 12.6910, 14.8515,
17.6506

202.6054,
222.4655, 251.0637

■ 7.2916, 8.7152,
10.5326

246.1074,
269.5130, 303.4885

■ 3.6931, 4.5559,
5.6433

295.4292,

■ 1.5300, 1.9891,

322.7657, 362.7460

2.5642

350.9360,
382.6081, 429.2547

■ 0.3461, 0.6011,
0.8739

■ 0.0000, 0.0000,
0.0000

■ 59.6036, 66.8539,
76.7805

■ 59.6036, 66.8539,
76.7805

■ 54.5028, 64.2262,
76.5415

■ 65.5318, 69.9117,
77.0610

■ 50.1872, 62.0014,
76.3378

■ 72.3157, 73.4090,
77.3802

■ 46.6196, 60.1623,
76.1692

■ 79.3601, 77.0404,
77.7116

■ 43.7574, 58.6868,
76.0335

■ 79.3604, 77.0406,
77.7133

■ 41.5538, 57.5509,
75.9287

■ 79.3608, 77.0407,
77.7150

■ 39.9566, 56.7275,
75.8523

■ 79.3611, 77.0408,
77.7167

■ 38.9051, 56.1855,
75.8014

■ 79.3614, 77.0410,
77.7184

■ 38.3268, 55.8874,
75.7726

■ 79.3617, 77.0411,
77.7201

■ 38.1163, 55.7789,
75.7616

■ 79.3620, 77.0412,
77.7218

Harmonies

Analogous

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



59.4649, 66.8539, 70.4493



59.6036, 66.8539, 76.7805



60.7831, 66.8539, 82.3353

Triad

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



59.6036, 66.8539, 76.7805



66.7927, 66.8539, 81.1109



64.3733, 66.8539, 61.4957

Complementary

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



59.6036, 66.8539, 76.7805



57.2506, 56.0851, 57.1013

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.



66.3844, 66.8539, 64.0171



59.6036, 66.8539, 76.7805



67.8027, 66.8539, 75.1871

Square

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



59.6036, 66.8539, 76.7805



64.9203, 66.8539, 84.9338



67.6515, 66.8539, 68.9451



62.1846, 66.8539, 61.8673

Rectangle

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



59.6036, 66.8539, 76.7805



62.0166, 66.8539, 84.7369



67.6515, 66.8539, 68.9451



65.0934, 66.8539, 62.0269

Sweetspot

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



59.6055, 66.8567, 76.7820



91.3963, 98.1164, 108.7280



56.3409, 65.5644, 58.9772



19.4202, 20.9276, 23.2656



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.



59.6055, 66.8567, 76.7820



82.3503, 93.4532, 108.3021



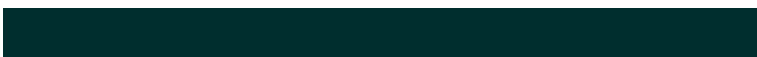
56.2171, 60.0793, 75.6546



13.4449, 14.8296, 16.8056



22.6001, 33.0727, 44.9210



1.4642, 2.1426, 2.9103

Inverse Universe

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



57.2506, 56.0851, 57.1013



78.4809, 75.7539, 75.9638



60.3397, 62.2638, 58.1293



13.0562, 13.0516, 13.5570



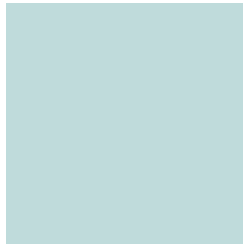
17.3223, 8.9300, 0.8112



1.1222, 0.5785, 0.0527

Previews

White Background



This preview shows how the XYZ color 59.6036, 66.8539, 76.7805 looks on a white background.

Color Contrast Check

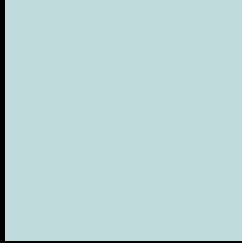
Large Text (above 18pt) WCAG AA × Fail

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 59.6036, 66.8539, 76.7805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

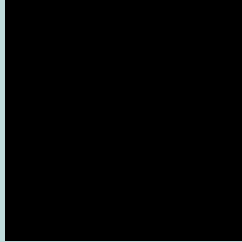
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

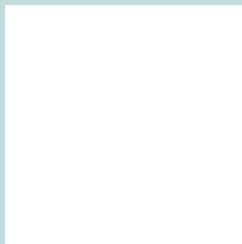
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.6036, 66.8539, 76.7805

Background



This preview shows how black text looks on a background with the XYZ color 59.6036, 66.8539, 76.7805.

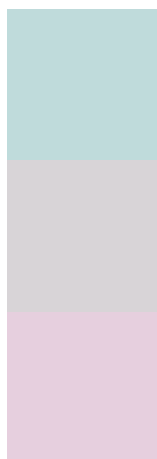


This preview shows how white text looks on a background with the XYZ color 59.6036, 66.8539,

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

59.6036, 66.8539, 76.7805

Protanopia

64.1281, 66.5922, 73.7636

Deuteranopia

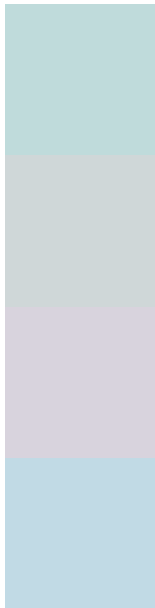
68.1308, 66.7226, 78.3951



Tritanopia

61.9123, 67.0356, 87.5179

Trichromacy



Original Color

59.6036, 66.8539, 76.7805

Protanomaly

62.4272, 66.8241, 74.5738

Deuteranomaly

64.6643, 66.4079, 77.8164

Tritanomaly

61.2066, 67.1374, 83.8616

Monochromacy



Original Color

59.6036, 66.8539, 76.7805

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.0860, 65.7855, 73.0966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6036, 66.8539, 76.7805 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(191, 219, 219)` looks like.

```
.text, #text, p{  
    color:rgb(191, 219, 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(191, 219, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 219, 219) }
```

Border

The CSS property to change the border of an element to XYZ 59.6036, 66.8539, 76.7805 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(191, 219, 219) }
```


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

```
.border{ border-color:rgb(191, 219, 219) }
```

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

Here you see how a box with a 4 pixel rgb(191, 219, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 219, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 219, 219);  
box-shadow:4px 4px 4px 4px rgb(191, 219,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6036, 66.8539, 76.7805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 219, 219) }
```

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

```
.background{ background-color: rgb(191,  
219, 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](#).

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