

Converting Colors

XYZ(51.5537, 61.1958, 59.7567)

Have a look what the booklet for
XYZ(51.5537, 61.1958, 59.7567)
contains.

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Color

**XYZ(51.5767, 61.1735,
59.5414)**

Conversions

Conversions Part 1

Format	Color
Hex	B0D6C1
RGB	176, 214, 193
RGB Percent	69%, 84%, 76%
CMY	0.3098, 0.1608, 0.2431
CMYK	0.18, 0.00, 0.10, 0.16
HSL	147°, 32%, 76%
HSV	147°, 18%, 84%
XYZ	51.5767, 61.1735, 59.5414
YIQ	200.2440, -15.9070, -14.5870

Conversions

Conversions Part 2

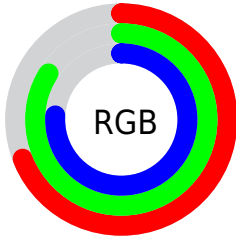
Format	Color
RYB	176, 202, 214
Decimal	11589313
CIELab	82.47, -16.62, 6.23
CIELCh	82, 17.751, 159.455
Yxy	61.1735, 0.2994, 0.3551
Android (android.graphics.Color)	4289779393 (0xFFB0D6C1)
YUV	200.2440, -3.5713, -21.2620
Hunter-Lab	78.2135, -19.1645, 9.6139

Details

The XYZ color **51.5767, 61.1735, 59.5414** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.3371, 49.3795, 59.5460**, and the grayscale version is **55.0798, 57.9482, 63.1056**.

A 20% lighter version of the original color is **86.1376, 95.5154, 103.5189**, and **25.3001, 30.9007, 29.4419** is the 20% darker color. If you saturate the color by 10%, you get **45.8473, 58.3680, 52.6597**, and if you desaturate by 10%, it is **58.1779, 64.4196, 67.0173**.

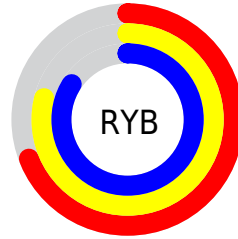
Distribution



Red (69%)

Green (84%)

Blue (76%)



Red (69%)

Yellow (79%)

Blue (84%)

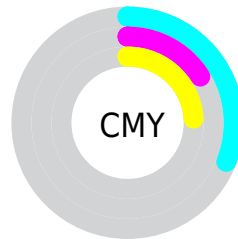


Cyan (18%)

Magenta (0%)

Yellow (10%)

Black (16%)



Cyan (31%)

Magenta (16%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5767, 61.1735, 59.5414 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 51.5767, 61.1735, 59.5414 by changing the saturation by 10% instead.

■ 51.5767, 61.1735,
59.5414

■ 51.5767, 61.1735,
59.5414

383.1511,
428.9099, 440.6629

■ 36.8907, 44.3652,
42.6262

■ 91.6846, 106.5301,
105.7010

■ 25.2962, 30.9577,
29.2627

117.8372,
135.8472, 135.7824

■ 16.4277, 20.5667,
19.0324

148.5427,
170.1027, 171.0898

■ 9.9201, 12.8076,
11.5166

184.1664,
209.6810, 212.0415

■ 5.4079, 7.2962,
6.2969

225.0738,
254.9665, 259.0561

■ 2.5257, 3.6480,
2.9548

271.6301,

■ 0.9082, 1.4787,

306.3435, 312.5522

1.0716

324.2008,
364.1965, 372.9483

■ 0.0000, 0.2737,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.5767, 61.1735,
59.5414

■ 51.5767, 61.1735,
59.5414

■ 45.8473, 58.3680,
52.6597

■ 58.1779, 64.4196,
67.0173

■ 40.9464, 55.9760,
46.3536

■ 65.6814, 68.1168,
75.0975

■ 36.8347, 53.9792,
40.6092

■ 74.1227, 72.2846,
83.7968

■ 33.4676, 52.3550,
35.4106

■ 81.0621, 75.6652,
93.0127

■ 30.7956, 51.0781,
30.7411

■ 82.8803, 76.3925,
102.5871

■ 28.7630, 50.1202,
26.5830

■ 83.3377, 76.5755,
104.9959

■ 27.3048, 49.4481,
22.9175

■ 26.3306, 49.0155,
19.7237

■ 26.1467, 48.9351,
19.0691

Harmonies

Analogous

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



53.6300, 61.1735, 51.7436



51.5767, 61.1735, 59.5414



51.2406, 61.1735, 70.0988

Triad

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



51.5767, 61.1735, 59.5414



59.3502, 61.1735, 89.4141



63.9600, 61.1735, 54.1938

Complementary

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



51.5767, 61.1735, 59.5414



53.3371, 49.3795, 59.5460

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.



65.6403, 61.1735, 63.2342



51.5767, 61.1735, 59.5414



62.9036, 61.1735, 84.0760

Square

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



51.5767, 61.1735, 59.5414



55.6209, 61.1735, 88.1485



65.2455, 61.1735, 74.2117



60.7414, 61.1735, 48.8972

Rectangle

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



51.5767, 61.1735, 59.5414



52.0201, 61.1735, 77.4182



65.2455, 61.1735, 74.2117



64.7296, 61.1735, 56.8533

Sweetspot

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



51.5784, 61.1761, 59.5428



89.3999, 97.2159, 102.8218



55.0511, 63.1730, 50.3672



18.9713, 20.7275, 21.8292



0.0000, 0.0000, 0.0000



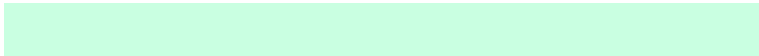
20.3446, 21.4041, 23.3091

Same Dimension

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



51.5784, 61.1761, 59.5428



73.6145, 89.4583, 84.9114



53.7696, 62.0525, 71.0815



12.4910, 13.9874, 14.4000



15.8540, 29.5970, 11.7929



0.9976, 1.8017, 0.9290

Inverse Universe

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



53.3371, 49.3795, 59.5460



76.6619, 69.0155, 84.9155



51.3483, 48.5840, 49.0730



12.7076, 12.5345, 14.4005



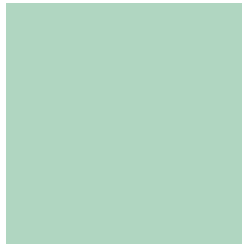
18.8013, 9.4568, 11.5238



1.1754, 0.5870, 0.9132

Previews

White Background



This preview shows how the XYZ color 51.5767, 61.1735, 59.5414 looks on a white background.

Color Contrast Check

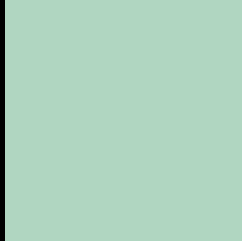
Large Text (above 18pt) WCAG AA × Fail

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 51.5767, 61.1735, 59.5414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

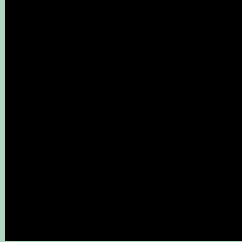
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

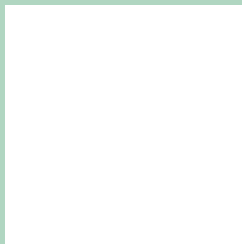
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.5767, 61.1735, 59.5414

Background



This preview shows how black text looks on a background with the XYZ color 51.5767, 61.1735, 59.5414.



This preview shows how white text looks on a background with the XYZ color 51.5767, 61.1735,

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

51.5767, 61.1735, 59.5414

Protanopia

57.8213, 60.8136, 56.2676

Deuteranopia

62.1528, 60.8677, 60.6974



Tritanopia

55.8193, 61.0370, 80.7908

Trichromacy



Original Color

51.5767, 61.1735, 59.5414

Protanomaly

55.4033, 60.9716, 57.5638

Deuteranomaly

57.7377, 60.6812, 60.2993

Tritanomaly

54.2543, 61.1469, 72.5614

Monochromacy



Original Color

51.5767, 61.1735, 59.5414

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.3952, 58.7702, 61.3529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5767, 61.1735, 59.5414 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(176, 214, 193)` looks like.

```
.text, #text, p{  
    color:rgb(176, 214, 193)  
}
```

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(176, 214, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 214, 193) }
```

Border

The CSS property to change the border of an element to XYZ 51.5767, 61.1735, 59.5414 is called "border". The border property can be set on classes, ids or directly on the HTML element.

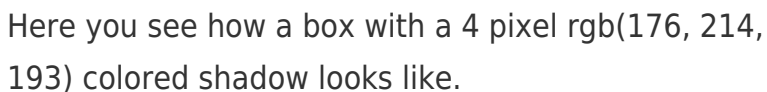
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 214, 193) }
```


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

```
.border{ border-color:rgb(176, 214, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 214, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 214, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 214, 193); box-shadow:4px 4px 4px 4px rgb(176, 214, 193) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5767, 61.1735, 59.5414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 214, 193) }
```

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

```
.background{ background-color: rgb(176,  
214, 193) }
```

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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