

Converting Colors

XYZ(51.5248, 59.7024, 61.5217)

Have a look what the booklet for
XYZ(51.5248, 59.7024, 61.5217)
contains.

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Color

**XYZ(51.4847, 59.5894,
61.6117)**

Conversions

Conversions Part 1

Format	Color
Hex	B2D2C5
RGB	178, 210, 197
RGB Percent	70%, 82%, 77%
CMY	0.3020, 0.1765, 0.2274
CMYK	0.15, 0.00, 0.06, 0.18
HSL	156°, 26%, 76%
HSV	156°, 15%, 82%
XYZ	51.4847, 59.5894, 61.6117
YIQ	198.9500, -14.8990, -10.8270

Conversions

Conversions Part 2

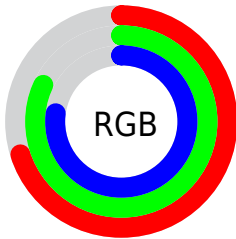
Format	Color
RYB	178, 198, 210
Decimal	11719365
CIELab	81.61, -13.17, 2.88
CIELCh	82, 13.479, 167.675
Yxy	59.5894, 0.2981, 0.3451
Android (android.graphics.Color)	4289909445 (0xFFB2D2C5)
YUV	198.9500, -0.9613, -18.3731
Hunter-Lab	77.1942, -16.0391, 6.7142

Details

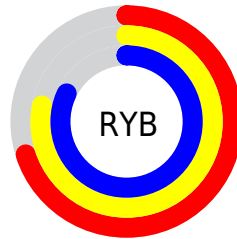
The XYZ color **51.4847, 59.5894, 61.6117** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.9048, 49.3054, 56.0740**, and the grayscale version is **54.2691, 57.0953, 62.1768**.

A 20% lighter version of the original color is **87.5811, 96.1682, 107.7122**, and **25.1367, 29.7858, 30.4110** is the 20% darker color. If you saturate the color by 10%, you get **46.0803, 56.9148, 56.3994**, and if you desaturate by 10%, it is **57.6855, 62.6715, 67.1527**.

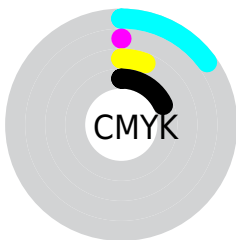
Distribution



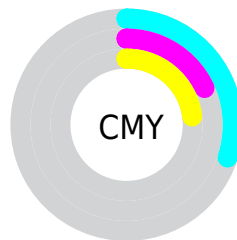
- Red (70%)
- Green (82%)
- Blue (77%)



- Red (70%)
- Yellow (78%)
- Blue (82%)



- Cyan (15%)
- Magenta (0%)
- Yellow (6%)
- Black (18%)



- Cyan (30%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.4847, 59.5894, 61.6117 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 51.4847, 59.5894, 61.6117 by changing the saturation by 10% instead.

■ 51.4847, 59.5894,
61.6117

■ 51.4847, 59.5894,
61.6117

382.8007,
423.0827, 448.4818

■ 36.8171, 43.0878,
44.2853

■ 91.5496, 104.2338,
108.7303

■ 25.2389, 29.9540,
30.5560

117.6776,
133.1454, 139.3595

■ 16.3848, 19.8037,
20.0054

148.3564,
166.9624, 175.2600

■ 9.8895, 12.2524,
12.2148

183.9514,
206.0692, 216.8505

■ 5.3874, 6.9158,
6.7658

224.8280,
250.8502, 264.5493

■ 2.5134, 3.4095,
3.2399

271.3516,

■ 0.9020, 1.3491,

301.6899, 318.7751

1.2184

323.8873,
358.9726, 379.9464

■ 0.0000, 0.1787,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.4847, 59.5894,
61.6117

■ 51.4847, 59.5894,
61.6117

■ 46.0803, 56.9148,
56.3994

■ 57.6855, 62.6715,
67.1527

■ 41.4329, 54.6224,
51.5055

■ 64.7098, 66.1699,
73.0245

■ 37.5072, 52.6960,
46.9247

■ 72.5896, 70.1029,
79.2345

■ 34.2631, 51.1149,
42.6502

■ 78.7302, 73.1324,
85.6655

■ 31.6563, 49.8563,
38.6747

■ 79.9661, 73.6268,
92.1737

■ 29.6371, 48.8948,
34.9907

■ 81.2616, 74.1450,
98.9958

■ 28.1478, 48.2007,
31.5900

■ 82.3377, 74.5755,
104.6626

■ 27.1181, 47.7381,
28.4638

■ 26.7289, 47.5679,
27.0674

Harmonies

Analogous

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



52.7080, 59.5894, 54.9418



51.4847, 59.5894, 61.6117



51.6082, 59.5894, 69.7321

Triad

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



51.4847, 59.5894, 61.6117



58.3068, 59.5894, 80.8985



60.3828, 59.5894, 54.0258

Complementary

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



51.4847, 59.5894, 61.6117



51.9048, 49.3054, 56.0740

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.



61.9843, 59.5894, 60.2636



51.4847, 59.5894, 61.6117



60.7585, 59.5894, 75.9558

Square

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



51.4847, 59.5894, 61.6117



55.4840, 59.5894, 81.3357



62.1241, 59.5894, 68.2675



57.8078, 59.5894, 50.8131

Rectangle

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



51.4847, 59.5894, 61.6117



52.4379, 59.5894, 74.8848



62.1241, 59.5894, 68.2675



61.0565, 59.5894, 55.8135

Sweetspot

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



51.4864, 59.5919, 61.6130



89.6909, 97.3323, 104.3541



52.6542, 60.4299, 51.0092



19.0420, 20.7557, 22.2016



0.0000, 0.0000, 0.0000



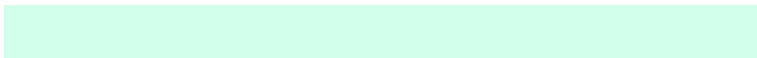
20.3446, 21.4041, 23.3091

Same Dimension

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



51.4864, 59.5919, 61.6130



77.2741, 91.1664, 93.1483



52.3886, 58.9080, 69.5850



11.9466, 13.3224, 14.0752



16.3544, 29.0347, 16.7783



0.9532, 1.6390, 1.1425

Inverse Universe

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



51.9048, 49.3054, 56.0740



78.0338, 72.4975, 83.0971



51.0722, 49.8297, 49.0465



12.0050, 11.8867, 13.3020



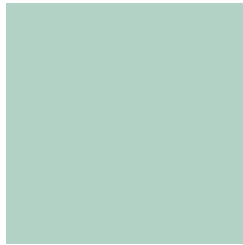
17.2675, 8.7798, 6.3146



1.0044, 0.5065, 0.5580

Previews

White Background



This preview shows how the XYZ color 51.4847, 59.5894, 61.6117 looks on a white background.

Color Contrast Check

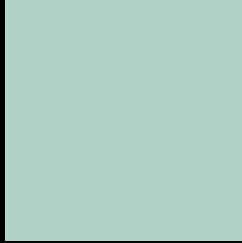
Large Text (above 18pt) WCAG AA × Fail

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 51.4847, 59.5894, 61.6117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

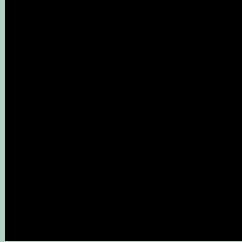
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

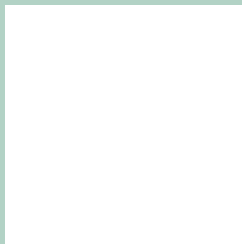
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.4847, 59.5894, 61.6117

Background



This preview shows how black text looks on a background with the XYZ color 51.4847, 59.5894, 61.6117.

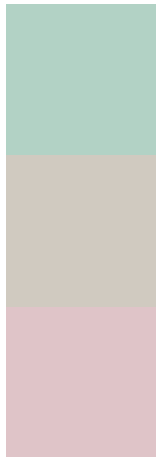


This preview shows how white text looks on a background with the XYZ color 51.4847, 59.5894,

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

51.4847, 59.5894, 61.6117

Protanopia

56.6474, 59.4567, 58.3598

Deuteranopia

60.5967, 59.3380, 62.9032



Tritanopia

54.9190, 59.5376, 78.4094

Trichromacy



Original Color

51.4847, 59.5894, 61.6117

Protanomaly

54.5949, 59.4280, 59.6322

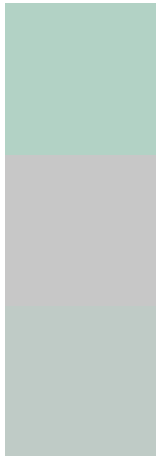
Deuteranomaly

56.9276, 59.1622, 62.4519

Tritanomaly

53.5065, 59.3044, 72.2451

Monochromacy



Original Color

51.4847, 59.5894, 61.6117

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.0348, 57.8655, 61.8000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4847, 59.5894, 61.6117 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(178, 210, 197)` looks like.

```
.text, #text, p{  
    color:rgb(178, 210, 197)  
}
```

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(178, 210, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 210, 197) }
```

Border

The CSS property to change the border of an element to XYZ 51.4847, 59.5894, 61.6117 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(178, 210, 197) }
```


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

```
.border{ border-color:rgb(178, 210, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 210, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 210, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 210, 197);  
box-shadow:4px 4px 4px 4px rgb(178, 210,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4847, 59.5894, 61.6117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 210, 197) }
```

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

```
.background{ background-color: rgb(178,  
210, 197) }
```

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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