

Converting Colors

XYZ(51.6579, 58.5940, 61.2762)

Have a look what the booklet for
XYZ(51.6579, 58.5940, 61.2762)
contains.

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Color

**XYZ(51.6823, 58.6019,
61.4107)**

Conversions

Conversions Part 1

Format	Color
Hex	B6CFC5
RGB	182, 207, 197
RGB Percent	71%, 81%, 77%
CMY	0.2863, 0.1882, 0.2274
CMYK	0.12, 0.00, 0.05, 0.19
HSL	156°, 21%, 76%
HSV	156°, 12%, 81%
XYZ	51.6823, 58.6019, 61.4107
YIQ	198.3850, -11.6900, -8.4100

Conversions

Conversions Part 2

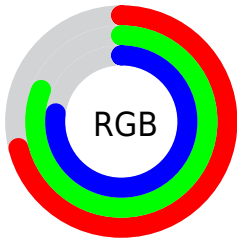
Format	Color
RYB	182, 198, 207
Decimal	11980741
CIELab	81.07, -10.31, 2.12
CIELCh	81, 10.527, 168.368
Yxy	58.6019, 0.3010, 0.3413
Android (android.graphics.Color)	4290170821 (0xFFB6CFC5)
YUV	198.3850, -0.6828, -14.3696
Hunter-Lab	76.5519, -13.4555, 6.0233

Details

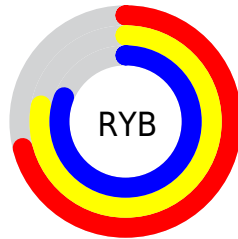
The XYZ color **51.6823, 58.6019, 61.4107** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.9766, 50.5287, 56.8854**, and the grayscale version is **53.9212, 56.7293, 61.7782**.

A 20% lighter version of the original color is **88.9093, 96.8529, 107.7744**, and **25.4024, 29.4328, 30.3288** is the 20% darker color. If you saturate the color by 10%, you get **46.2276, 55.8982, 56.3378**, and if you desaturate by 10%, it is **57.9152, 61.7040, 66.7946**.

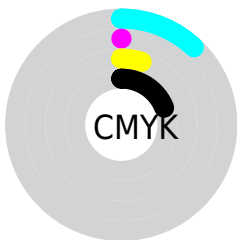
Distribution



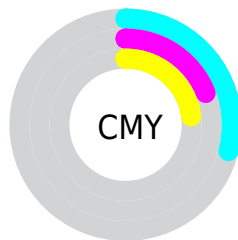
- Red (71%)
- Green (81%)
- Blue (77%)



- Red (71%)
- Yellow (78%)
- Blue (81%)



- Cyan (12%)
- Magenta (0%)
- Yellow (5%)
- Black (19%)



- Cyan (29%)
- Magenta (19%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.6823, 58.6019, 61.4107 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 51.6823, 58.6019, 61.4107 by changing the saturation by 10% instead.

■ 51.6823, 58.6019,
61.4107

■ 51.6823, 58.6019,
61.4107

383.5530,
419.4250, 447.7264

■ 36.9752, 42.2927,
44.1240

■ 91.8395, 102.7988,
108.4367

■ 25.3618, 29.3306,
30.4301

118.0203,
131.4554, 139.0131

■ 16.4770, 19.3310,
19.9105

148.7564,
164.9966, 174.8564

■ 9.9553, 11.9097,
12.1465

184.4131,
203.8067, 216.3852

■ 5.4314, 6.6822,
6.7198

225.3557,
248.2702, 264.0181

■ 2.5399, 3.2642,
3.2117

271.9497,

■ 0.9154, 1.2712,

298.7715, 318.1736

1.2037

324.5603,
355.6950, 379.2702

■ 0.0000, 0.1187,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.6823, 58.6019,
61.4107

■ 51.6823, 58.6019,
61.4107

■ 46.2276, 55.8982,
56.3378

■ 57.9152, 61.7040,
66.7946

■ 41.5136, 53.5688,
51.5662

■ 64.9516, 65.2126,
72.4914

■ 37.5073, 51.5983,
47.0912

■ 72.8222, 69.1450,
78.5077

■ 34.1709, 49.9675,
42.9064

■ 77.8548, 71.6082,
84.6758

■ 31.4632, 48.6552,
39.0053

■ 79.0468, 72.0849,
90.9526

■ 29.3381, 47.6377,
35.3808

■ 80.2948, 72.5841,
97.5246

■ 27.7428, 46.8879,
32.0256

■ 81.5996, 73.1061,
104.3953

■ 26.6141, 46.3733,
28.9316

■ 81.6039, 73.1078,
104.4180

■ 25.9639, 46.0878,
26.6584

Harmonies

Analogous

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



52.6158, 58.6019, 56.1385



51.6823, 58.6019, 61.4107



51.8040, 58.6019, 67.6773

Triad

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



51.6823, 58.6019, 61.4107



57.0347, 58.6019, 75.9297



58.5392, 58.6019, 55.2249

Complementary

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



51.6823, 58.6019, 61.4107



51.9766, 50.5287, 56.8854

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.



59.7852, 58.6019, 60.0881



51.6823, 58.6019, 61.4107



58.9010, 58.6019, 72.1450

Square

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



51.6823, 58.6019, 61.4107



54.8560, 58.6019, 76.3417



59.9193, 58.6019, 66.2659



56.5513, 58.6019, 52.7264

Rectangle

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



51.6823, 58.6019, 61.4107



52.4678, 58.6019, 71.5765



59.9193, 58.6019, 66.2659



59.0609, 58.6019, 56.6221

Sweetspot

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



51.6840, 58.6044, 61.4120



90.7463, 97.8565, 105.3054



52.6022, 59.2666, 52.9241



19.2552, 20.8616, 22.3970



0.0000, 0.0000, 0.0000



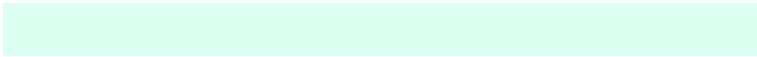
20.3446, 21.4041, 23.3091

Same Dimension

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



51.6840, 58.6044, 61.4120



80.8988, 92.9606, 96.6773



52.3673, 58.0753, 67.4839



11.9498, 13.3237, 14.0919



16.4055, 29.0551, 17.0472



0.9559, 1.6400, 1.1566

Inverse Universe

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



51.9766, 50.5287, 56.8854



81.4412, 77.9963, 88.2902



51.3353, 50.9600, 51.3876



12.0019, 11.8855, 13.2857



17.2355, 8.7670, 6.1464



1.0025, 0.5057, 0.5477

Previews

White Background



This preview shows how the XYZ color 51.6823, 58.6019, 61.4107 looks on a white background.

Color Contrast Check

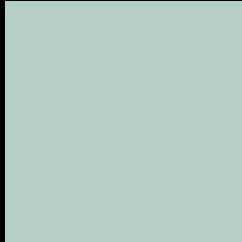
Large Text (above 18pt) WCAG AA × Fail

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 51.6823, 58.6019, 61.4107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

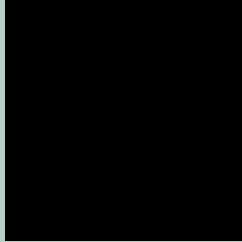
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

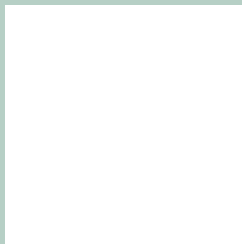
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.6823, 58.6019, 61.4107

Background



This preview shows how black text looks on a background with the XYZ color 51.6823, 58.6019, 61.4107.

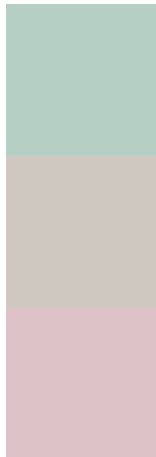


This preview shows how white text looks on a background with the XYZ color 51.6823, 58.6019,

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

51.6823, 58.6019, 61.4107

Protanopia

55.7335, 58.2806, 58.7639

Deuteranopia

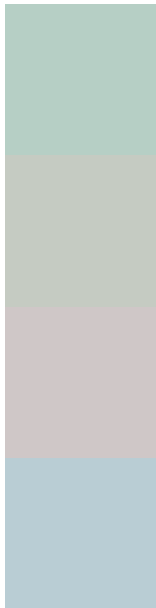
59.7592, 58.5725, 62.7996



Tritanopia

54.7608, 58.7921, 76.1720

Trichromacy



Original Color

51.6823, 58.6019, 61.4107

Protanomaly

54.1195, 58.4772, 59.4738

Deuteranomaly

56.4644, 58.2358, 62.2975

Tritanomaly

53.7226, 58.7304, 70.7920

Monochromacy



Original Color

51.6823, 58.6019, 61.4107

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.8179, 57.0570, 61.6554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6823, 58.6019, 61.4107 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(182, 207, 197)` looks like.

```
.text, #text, p{  
    color:rgb(182, 207, 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(182, 207, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 207, 197) }
```

Border

The CSS property to change the border of an element to XYZ 51.6823, 58.6019, 61.4107 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(182, 207, 197) }
```


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

```
.border{ border-color:rgb(182, 207, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 207, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 207, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 207, 197);  
box-shadow:4px 4px 4px 4px rgb(182, 207,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6823, 58.6019, 61.4107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 207, 197) }
```

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

```
.background{ background-color: rgb(182,  
207, 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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