

Converting Colors

XYZ(51.5828, 60.7207, 56.1791)

Have a look what the booklet for
XYZ(51.5828, 60.7207, 56.1791)
contains.

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Color

**XYZ(51.5863, 60.8797,
56.0458)**

Conversions

Conversions Part 1

Format	Color
Hex	B4D5BB
RGB	180, 213, 187
RGB Percent	71%, 84%, 73%
CMY	0.2941, 0.1647, 0.2667
CMYK	0.15, 0.00, 0.12, 0.16
HSL	133°, 28%, 77%
HSV	133°, 15%, 84%
XYZ	51.5863, 60.8797, 56.0458
YIQ	200.1690, -11.3220, -15.0820

Conversions

Conversions Part 2

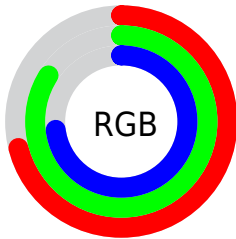
Format	Color
RYB	180, 207, 213
Decimal	11851195
CIELab	82.31, -15.92, 9.22
CIELCh	82, 18.395, 149.909
Yxy	60.8797, 0.3061, 0.3613
Android (android.graphics.Color)	4290041275 (0xFFB4D5BB)
YUV	200.1690, -6.4923, -17.6882
Hunter-Lab	78.0254, -18.5298, 12.0297

Details

The XYZ color **51.5863, 60.8797, 56.0458** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.9046, 51.2463, 65.3931**, and the grayscale version is **55.0490, 57.9158, 63.0703**.

A 20% lighter version of the original color is **86.5297, 95.8239, 98.7293**, and **25.2823, 30.6870, 27.1449** is the 20% darker color. If you saturate the color by 10%, you get **45.3107, 57.8419, 46.9155**, and if you desaturate by 10%, it is **58.8373, 64.3996, 66.3204**.

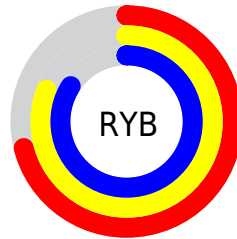
Distribution



Red (71%)

Green (84%)

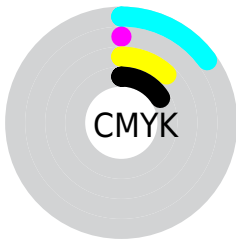
Blue (73%)



Red (71%)

Yellow (81%)

Blue (84%)

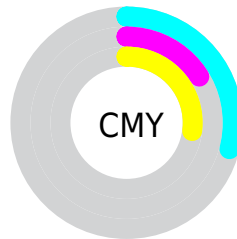


Cyan (15%)

Magenta (0%)

Yellow (12%)

Black (16%)



Cyan (29%)


Magenta (16%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5863, 60.8797, 56.0458 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 51.5863, 60.8797, 56.0458 by changing the saturation by 10% instead.


 51.5863, 60.8797,
56.0458

 51.5863, 60.8797,
56.0458


383.1876,
427.8328, 427.2572

 36.8984, 44.1281,
39.8354


 91.6987, 106.1047,
100.5580

 25.3021, 30.7712,
27.0974


117.8538,
135.3469, 129.6969

 16.4322, 20.4247,
17.4133


148.5621,
169.5215, 163.9823

 9.9233, 12.7041,
10.3646

184.1888,
209.0127, 203.8329

 5.4100, 7.2251,
5.5326

225.0994,
254.2051, 249.6672

 2.5270, 3.6033,
2.4989

271.6592,

 0.9089, 1.4542,

305.4829, 301.9036

0.8395

324.2335,
363.2307, 360.9608

■ 0.0000, 0.2562,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.5863, 60.8797,
56.0458

■ 51.5863, 60.8797,
56.0458

■ 45.3107, 57.8419,
46.9155

■ 58.8373, 64.3996,
66.3204

■ 39.9637, 55.2575,
38.8860

■ 67.0979, 68.4131,
77.7728

■ 35.5018, 53.1070,
31.9167

■ 76.4070, 72.9414,
90.4404

■ 31.8764, 51.3660,
25.9632

■ 82.9459, 76.0151,
104.1769

■ 29.0337, 50.0080,
20.9778

■ 83.0854, 76.0709,
104.9118

■ 26.9140, 49.0031,
16.9092

■ 25.4480, 48.3168,
13.7008

■ 24.5523, 47.9075,
11.2902

■ 24.2726, 47.7817,
10.4444

Harmonies

Analogous

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



54.1877, 60.8797, 49.2857



51.5863, 60.8797, 56.0458



50.6514, 60.8797, 66.2535

Triad

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



51.5863, 60.8797, 56.0458



57.8524, 60.8797, 90.2949



64.6449, 60.8797, 56.0986

Complementary

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



51.5863, 60.8797, 56.0458



54.9046, 51.2463, 65.3931

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.



65.7315, 60.8797, 66.3218



51.5863, 60.8797, 56.0458



61.7036, 60.8797, 86.8089

Square

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



51.5863, 60.8797, 56.0458



54.1680, 60.8797, 86.7681



64.6321, 60.8797, 77.7069



61.7251, 60.8797, 49.3137

Rectangle

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



51.5863, 60.8797, 56.0458



51.0646, 60.8797, 73.9115



64.6321, 60.8797, 77.7069



65.2424, 60.8797, 59.2069

Sweetspot

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



51.5880, 60.8823, 56.0471



88.9383, 97.0313, 100.3911



57.5997, 64.0660, 52.5109



18.8593, 20.6827, 21.2397



0.0000, 0.0000, 0.0000



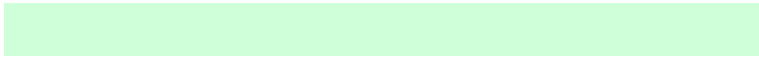
20.3446, 21.4041, 23.3091

Same Dimension

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



51.5880, 60.8823, 56.0471



73.8684, 89.7214, 78.9522



53.4100, 61.6111, 65.6419



12.3691, 13.9387, 13.7583



14.8567, 29.1980, 6.5410



0.9270, 1.7735, 0.5575

Inverse Universe

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



54.9046, 51.2463, 65.3931



79.8832, 72.2436, 95.8990



53.0471, 50.5033, 55.6115



12.8350, 12.5855, 15.0711



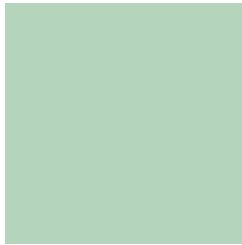
21.1078, 10.3794, 23.6692



1.3020, 0.6376, 1.5796

Previews

White Background



This preview shows how the XYZ color 51.5863, 60.8797, 56.0458 looks on a white background.

Color Contrast Check

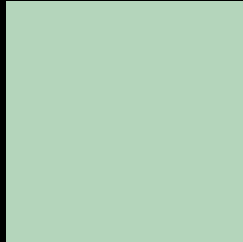
Large Text (above 18pt) WCAG AA × Fail

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 51.5863, 60.8797, 56.0458 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

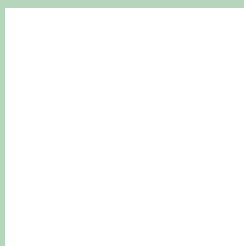
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.5863, 60.8797, 56.0458

Background



This preview shows how black text looks on a background with the XYZ color 51.5863, 60.8797, 56.0458.



This preview shows how white text looks on a background with the XYZ color 51.5863, 60.8797,

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

51.5863, 60.8797, 56.0458

Protanopia

57.4769, 60.7093, 52.9447

Deuteranopia

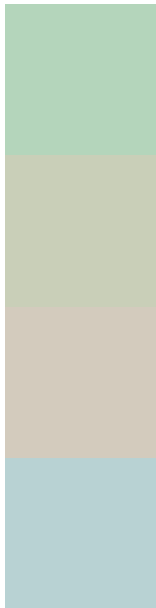
61.5736, 60.3082, 57.1106



Tritanopia

56.2601, 60.9327, 79.3170

Trichromacy



Original Color

51.5863, 60.8797, 56.0458

Protanomaly

55.0519, 60.5038, 54.1243

Deuteranomaly

57.4052, 60.2349, 56.7450

Tritanomaly

54.5716, 60.9867, 70.5234

Monochromacy



Original Color

51.5863, 60.8797, 56.0458

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.6740, 58.9402, 60.1774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5863, 60.8797, 56.0458 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(180, 213, 187)` looks like.

```
.text, #text, p{  
    color:rgb(180, 213, 187)  
}
```

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(180, 213, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 213, 187) }
```

Border

The CSS property to change the border of an element to XYZ 51.5863, 60.8797, 56.0458 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(180, 213, 187) }
```


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

```
.border{ border-color:rgb(180, 213, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 213, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 213, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 213, 187); box-shadow:4px 4px 4px 4px rgb(180, 213, 187) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5863, 60.8797, 56.0458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 213, 187) }
```

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

```
.background{ background-color: rgb(180,  
213, 187) }
```

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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