

Converting Colors

XYZ(51.8453, 57.0505, 61.4065)

Have a look what the booklet for
XYZ(51.8453, 57.0505, 61.4065)
contains.

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Color

**XYZ(51.8071, 56.8831,
61.6751)**

Conversions

Conversions Part 1

Format	Color
Hex	BBCAC6
RGB	187, 202, 198
RGB Percent	73%, 79%, 78%
CMY	0.2667, 0.2078, 0.2235
CMYK	0.07, 0.00, 0.02, 0.21
HSL	164°, 12%, 76%
HSV	164°, 7%, 79%
XYZ	51.8071, 56.8831, 61.6751
YIQ	197.0590, -7.6560, -4.4240

Conversions

Conversions Part 2

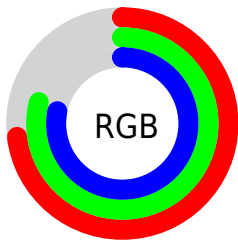
Format	Color
RYB	187, 196, 202
Decimal	12307142
CIELab	80.11, -5.85, 0.23
CIElCh	80, 5.856, 177.719
Yxy	56.8831, 0.3041, 0.3339
Android (android.graphics.Color)	4290497222 (0xFFBBCAC6)
YUV	197.0590, 0.4639, -8.8217
Hunter-Lab	75.4209, -9.3737, 4.3105

Details

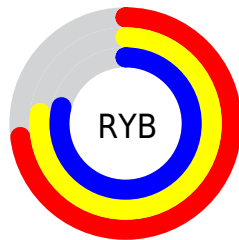
The XYZ color **51.8071, 56.8831, 61.6751** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.5335, 51.8603, 56.5868**, and the grayscale version is **53.1085, 55.8743, 60.8471**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **25.4555, 28.2618, 30.4990** is the 20% darker color. If you saturate the color by 10%, you get **46.5983, 54.2700, 58.2443**, and if you desaturate by 10%, it is **57.7364, 59.8682, 65.2575**.

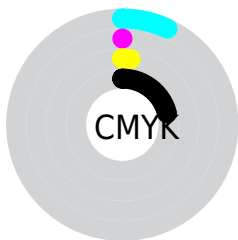
Distribution



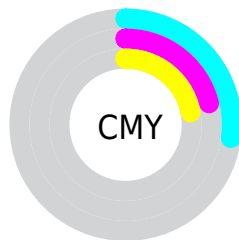
- Red (73%)
- Green (79%)
- Blue (78%)



- Red (73%)
- Yellow (77%)
- Blue (79%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (21%)



- Cyan (27%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.8071, 56.8831, 61.6751 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 51.8071, 56.8831, 61.6751 by changing the saturation by 10% instead.

■ 51.8071, 56.8831,
61.6751

■ 51.8071, 56.8831,
61.6751

384.0277,
413.0111, 448.7199

■ 37.0750, 40.9114,
44.3361

■ 92.0226, 100.2946,
108.8229

■ 25.4395, 28.2499,
30.5957

118.2367,
128.5032, 139.4687

■ 16.5353, 18.5141,
20.0353

149.0089,
161.5595, 175.3873

■ 9.9970, 11.3197,
12.2364

184.7044,
199.8480, 216.9972

■ 5.4592, 6.2823,
6.7804

225.6887,
243.7530, 264.7168

■ 2.5566, 3.0175,
3.2488

272.3271,

■ 0.9239, 1.1409,

293.6589, 318.9648

1.2230

324.9850,
349.9502, 380.1596

■ 0.0000, 0.0126,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.8071, 56.8831,
61.6751

■ 51.8071, 56.8831,
61.6751

■ 46.5983, 54.2700,
58.2443

■ 57.7364, 59.8682,
65.2575

■ 42.0761, 52.0068,
54.9588


■ 64.4088, 63.2323,
68.9901


■ 38.2110, 50.0798,
51.8172


■ 71.8519, 66.9910,
72.8767


■ 34.9695, 48.4718,
48.8167


■ 75.2218, 68.6473,
76.6915


 32.3149, 47.1639,
45.9543


 75.9456, 68.9368,
80.5027


 30.2068, 46.1353,
43.2269


 76.6925, 69.2356,
84.4360


 28.5993, 45.3624,
40.6310

 77.4629, 69.5438,
88.4928

 27.4389, 44.8176,
38.1628

 78.2569, 69.8614,
92.6739

 26.6509, 44.4625,
35.8176

 79.0747, 70.1885,
96.9806

Harmonies

Analogous

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



52.1505, 56.8831, 58.4952



51.8071, 56.8831, 61.6751



52.0615, 56.8831, 65.0405

Triad

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



51.8071, 56.8831, 61.6751



55.1391, 56.8831, 67.9321



55.2993, 56.8831, 56.5492

Complementary

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



51.8071, 56.8831, 61.6751



51.5335, 51.8603, 56.5868

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.



56.1207, 56.8831, 58.9319



51.8071, 56.8831, 61.6751



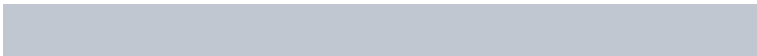
56.0272, 56.8831, 65.5092

Square

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



51.8071, 56.8831, 61.6751



53.9745, 56.8831, 68.7310



56.3890, 56.8831, 62.1977



54.1570, 56.8831, 55.6043

Rectangle

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



51.8071, 56.8831, 61.6751



52.5379, 56.8831, 66.9219



56.3890, 56.8831, 62.1977



55.6228, 56.8831, 57.2041

Sweetspot

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



51.8087, 56.8855, 61.6764



92.9802, 98.9582, 107.6635



51.6408, 56.9403, 55.2834



19.9233, 21.1920, 23.0575



0.0000, 0.0000, 0.0000



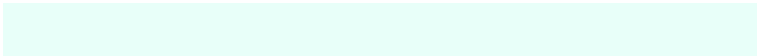
20.3446, 21.4041, 23.3091

Same Dimension

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



51.8087, 56.8855, 61.6764



86.1346, 95.5160, 103.4182



51.5220, 55.5632, 63.8893



11.4105, 12.6740, 13.7192



17.0742, 28.5750, 22.8737



0.9113, 1.4863, 1.3402

Inverse Universe

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



51.5335, 51.8603, 56.5868



85.5688, 85.1846, 92.9550



51.7963, 53.0814, 54.5303



11.3332, 11.2620, 12.2893



16.1324, 8.2636, 3.1500



0.8645, 0.4392, 0.3323

Previews

White Background



This preview shows how the XYZ color 51.8071, 56.8831, 61.6751 looks on a white background.

Color Contrast Check

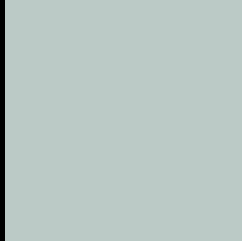
Large Text (above 18pt) WCAG AA × Fail

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 51.8071, 56.8831, 61.6751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

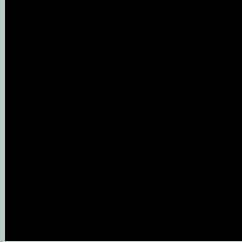
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

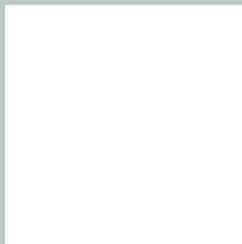
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.8071, 56.8831, 61.6751

Background



This preview shows how black text looks on a background with the XYZ color 51.8071, 56.8831, 61.6751.



This preview shows how white text looks on a background with the XYZ color 51.8071, 56.8831, 61.6751.

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

51.8071, 56.8831, 61.6751

Protanopia

54.6730, 57.0248, 59.7551

Deuteranopia

57.8902, 56.6211, 62.5214



Tritanopia

53.9244, 56.7003, 72.3921

Trichromacy



Original Color

51.8071, 56.8831, 61.6751

Protanomaly

53.4132, 56.7027, 60.3541

Deuteranomaly

55.5023, 56.7252, 62.0566

Tritanomaly

53.1492, 56.7308, 68.4705

Monochromacy



Original Color

51.8071, 56.8831, 61.6751

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.4938, 56.2155, 60.9073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8071, 56.8831, 61.6751 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(187, 202, 198)` looks like.

```
.text, #text, p{  
    color:rgb(187, 202, 198)  
}
```

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(187, 202, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 202, 198) }
```

Border

The CSS property to change the border of an element to XYZ 51.8071, 56.8831, 61.6751 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(187, 202, 198) }
```


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

```
.border{ border-color:rgb(187, 202, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 202, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 202, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 202, 198); box-shadow:4px 4px 4px 4px rgb(187, 202, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8071, 56.8831, 61.6751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 202, 198) }
```

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

```
.background{ background-color: rgb(187,  
202, 198) }
```

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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