

Converting Colors

XYZ(50.9851, 56.2036, 66.5543)

Have a look what the booklet for
XYZ(50.9851, 56.2036, 66.5543)
contains.

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Color

**XYZ(51.0835, 56.4006,
66.5865)**

Conversions

Conversions Part 1

Format	Color
Hex	B4CACE
RGB	180, 202, 206
RGB Percent	71%, 79%, 81%
CMY	0.2941, 0.2078, 0.1922
CMYK	0.13, 0.02, 0.00, 0.19
HSL	189°, 21%, 76%
HSV	189°, 13%, 81%
XYZ	51.0835, 56.4006, 66.5865
YIQ	195.8780, -14.3960, -3.4200

Conversions

Conversions Part 2

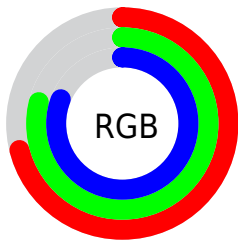
Format	Color
R_{YB}	180, 192, 206
Decimal	11848398
CIE Lab	79.84, -6.59, -4.52
CIE LCh	80, 7.987, 214.445
Yxy	56.4006, 0.2935, 0.3240
Android (android.graphics.Color)	4290038478 (0xFFB4CACE)
YUV	195.8780, 4.9901, -13.9250
Hunter-Lab	75.1003, -10.0093, 0.0017

Details

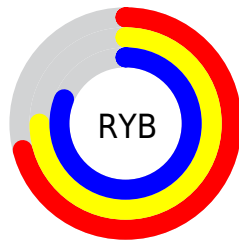
The XYZ color **51.0835, 56.4006, 66.5865** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.8326, 50.6978, 50.2875**, and the grayscale version is **52.3748, 55.1024, 60.0065**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **25.0098, 27.9588, 33.7842** is the 20% darker color. If you saturate the color by 10%, you get **45.9047, 52.6405, 66.1346**, and if you desaturate by 10%, it is **56.9936, 60.5634, 67.0794**.

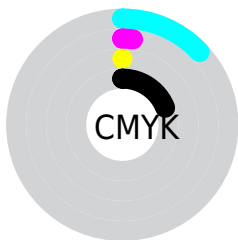
Distribution



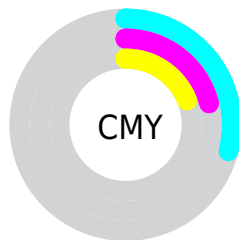
- Red (71%)
- Green (79%)
- Blue (81%)



- Red (71%)
- Yellow (75%)
- Blue (81%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (19%)



- Cyan (29%)
- Magenta (21%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.0835, 56.4006, 66.5865 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 51.0835, 56.4006, 66.5865 by changing the saturation by 10% instead.

■ 51.0835, 56.4006,
66.5865

■ 51.0835, 56.4006,
66.5865

381.2704,
411.1995, 466.9328

■ 36.4964, 40.5242,
48.2892

■ 90.9604, 99.5901,
115.9627

■ 24.9897, 27.9475,
33.6943

116.9810,
127.6719, 147.8787

■ 16.1981, 18.2861,
22.3834

147.5434,
160.5910, 185.1713

■ 9.7561, 11.1556,
13.9379

183.0129,
198.7318, 228.2591

■ 5.2986, 6.1716,
7.9392

223.7551,
242.4786, 277.5606

■ 2.4601, 2.9497,
3.9689

270.1351,

■ 0.8752, 1.1055,

292.2159, 333.4944

1.6083

322.5185,
348.3281, 396.4789

■ 0.0000, 0.0000,
0.2967

■ 0.0000, 0.0000,
0.0000

■ 51.0835, 56.4006,
66.5865

■ 51.0835, 56.4006,
66.5865

■ 45.9047, 52.6405,
66.1346

■ 56.9936, 60.5634,
67.0794

■ 41.4208, 49.2596,
65.7183

■ 63.6595, 65.1370,
67.6109

■ 37.5998, 46.2429,
65.3374

■ 71.1108, 70.1385,
68.1835

■ 34.4050, 43.5712,
64.9901

■ 76.5977, 74.1503,
68.6687

■ 31.7962, 41.2236,
64.6745

■ 77.4104, 75.7755,
68.9395

■ 29.7283, 39.1769,
64.3884

■ 78.2387, 77.4322,
69.2157

■ 28.1496, 37.4042,
64.1295

■ 79.0828, 79.1204,
69.4970

■ 26.9979, 35.8734,
63.8947

■ 79.9428, 80.8403,
69.7837

■ 26.3411, 34.8571,
63.7331

■ 80.8187, 82.5922,
70.0757

Harmonies

Analogous

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



50.5664, 56.4006, 62.1034



51.0835, 56.4006, 66.5865



52.2769, 56.4006, 69.8001

Triad

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



51.0835, 56.4006, 66.5865



56.4615, 56.4006, 65.3328



53.3665, 56.4006, 52.9533

Complementary

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



51.0835, 56.4006, 66.5865



50.8326, 50.6978, 50.2875

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.



54.9596, 56.4006, 53.7220



51.0835, 56.4006, 66.5865



56.7673, 56.4006, 60.7231

Square

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



51.0835, 56.4006, 66.5865



55.3851, 56.4006, 69.0511



56.2124, 56.4006, 56.5102



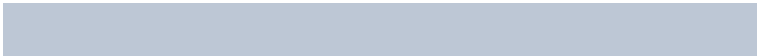
51.8675, 56.4006, 54.3557

Rectangle

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



51.0835, 56.4006, 66.5865



53.3066, 56.4006, 70.7072



56.2124, 56.4006, 56.5102



53.9086, 56.4006, 52.9669

Sweetspot

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



51.0851, 56.4030, 66.5878



90.8982, 97.1201, 108.5629



49.5359, 57.3034, 53.7433



19.2936, 20.6744, 23.2236



0.0000, 0.0000, 0.0000



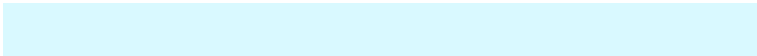
20.3446, 21.4041, 23.3091

Same Dimension

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



51.0851, 56.4030, 66.5878



80.5037, 89.7589, 107.6899



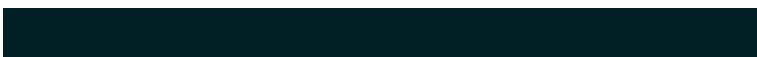
48.1830, 50.5988, 65.6204



11.3907, 12.4218, 14.3677



16.2775, 21.5789, 39.2635



0.8804, 1.1946, 2.0391

Inverse Universe

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



52.4368, 50.0298, 62.7728



83.1060, 77.6040, 100.3194



53.6363, 56.3052, 51.2221



11.6106, 11.3730, 13.7498



20.4270, 9.9814, 25.7651



1.0743, 0.5231, 1.4374

Previews

White Background



This preview shows how the XYZ color 51.0835, 56.4006, 66.5865 looks on a white background.

Color Contrast Check

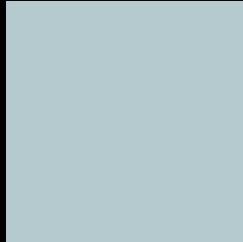
Large Text (above 18pt) WCAG AA × Fail

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 51.0835, 56.4006, 66.5865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

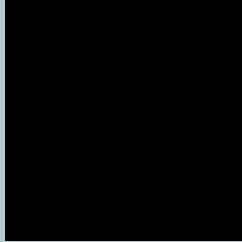
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

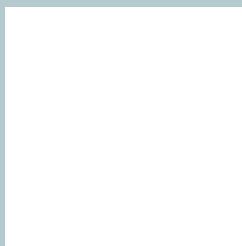
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.0835, 56.4006, 66.5865

Background



This preview shows how black text looks on a background with the XYZ color 51.0835, 56.4006, 66.5865.



This preview shows how white text looks on a background with the XYZ color 51.0835, 56.4006,

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

51.0835, 56.4006, 66.5865

Protanopia

54.5652, 56.5237, 64.5342

Deuteranopia

57.3862, 56.2504, 67.5073



Tritanopia

52.3404, 56.2115, 73.0570

Trichromacy



Original Color

51.0835, 56.4006, 66.5865

Protanomaly

53.3148, 56.5439, 65.2308

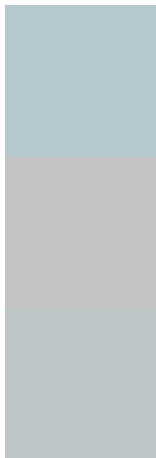
Deuteranomaly

54.8218, 56.2642, 67.0021

Tritanomaly

51.8264, 56.3505, 70.4325

Monochromacy



Original Color

51.0835, 56.4006, 66.5865

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.8546, 55.5054, 62.6242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0835, 56.4006, 66.5865 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, 202, 206)` looks like.

```
.text, #text, p{  
    color:rgb(180, 202, 206)  
}
```

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, 202, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 202, 206) }
```

Border

The CSS property to change the border of an element to XYZ 51.0835, 56.4006, 66.5865 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, 202, 206) }
```


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

```
.border{ border-color:rgb(180, 202, 206) }
```

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

Here you see how a box with a 4 pixel rgb(180, 202, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 202, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 202, 206);  
box-shadow:4px 4px 4px 4px rgb(180, 202,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0835, 56.4006, 66.5865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 202, 206) }
```

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

```
.background{ background-color: rgb(180,  
202, 206) }
```

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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