

Converting Colors

XYZ(51.3923, 57.5435, 63.3751)

Have a look what the booklet for
XYZ(51.3923, 57.5435, 63.3751)
contains.

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Color

**XYZ(51.4300, 57.7034,
63.6856)**

Conversions

Conversions Part 1

Format	Color
Hex	B5CDC9
RGB	181, 205, 201
RGB Percent	71%, 80%, 79%
CMY	0.2902, 0.1961, 0.2118
CMYK	0.12, 0.00, 0.02, 0.20
HSL	170°, 19%, 76%
HSV	170°, 12%, 80%
XYZ	51.4300, 57.7034, 63.6856
YIQ	197.3680, -13.0200, -6.3320

Conversions

Conversions Part 2

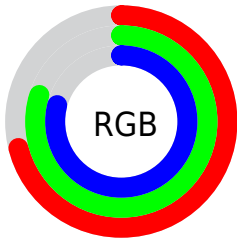
Format	Color
R _Y B	181, 194, 205
Decimal	11914697
CIE Lab	80.57, -8.83, -0.75
CIE LCh	81, 8.859, 184.877
Yxy	57.7034, 0.2976, 0.3339
Android (android.graphics.Color)	4290104777 (0xFFB5CDC9)
YUV	197.3680, 1.7906, -14.3547
Hunter-Lab	75.9628, -12.0828, 3.4664

Details

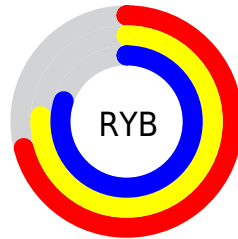
The XYZ color **51.4300, 57.7034, 63.6856** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.4597, 49.5312, 52.8025**, and the grayscale version is **53.2898, 56.0650, 61.0548**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **25.2352, 28.8290, 31.8383** is the 20% darker color. If you saturate the color by 10%, you get **46.5750, 55.2481, 61.3833**, and if you desaturate by 10%, it is **57.0046, 60.5318, 66.0708**.

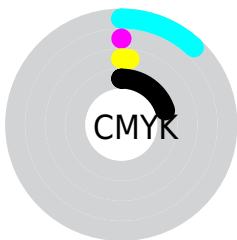
Distribution



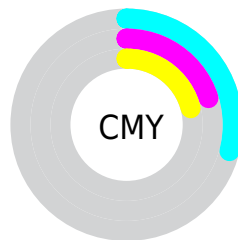
- Red (71%)
- Green (80%)
- Blue (79%)



- Red (71%)
- Yellow (76%)
- Blue (80%)



- Cyan (12%)
- Magenta (0%)
- Yellow (2%)
- Black (20%)



- Cyan (29%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.4300, 57.7034, 63.6856 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 51.4300, 57.7034, 63.6856 by changing the saturation by 10% instead.

■ 51.4300, 57.7034,
63.6856

■ 51.4300, 57.7034,
63.6856

382.5923,
416.0798, 456.2297

■ 36.7734, 41.5702,
45.9515

■ 91.4693, 101.4908,
111.7531

■ 25.2049, 28.7649,
31.8592

117.5826,
129.9139, 142.9237

■ 16.3594, 18.9031,
20.9900

148.2456,
163.2023, 179.4101

■ 9.8713, 11.6003,
12.9255

183.8236,
201.7406, 221.6310

■ 5.3753, 6.4721,
7.2472

224.6819,
245.9131, 270.0048

■ 2.5061, 3.1342,
3.5364

271.1859,

■ 0.8983, 1.2022,

296.1042, 324.9502

1.3746

323.7009,
352.6983, 386.8856

■ 0.0000, 0.0635,
0.1218

■ 0.0000, 0.0000,
0.0000

■ 51.4300, 57.7034,
63.6856

■ 51.4300, 57.7034,
63.6856

■ 46.5750, 55.2481,
61.3833

■ 57.0046, 60.5318,
66.0708

■ 42.4038, 53.1427,
59.1582

■ 63.3228, 63.7409,
68.5365

■ 38.8849, 51.3725,
57.0097

■ 70.4135, 67.3472,
71.0858

■ 35.9826, 49.9192,
54.9360

■ 75.2966, 69.8144,
73.5793

■ 33.6574, 48.7624,
52.9348

■ 75.7398, 69.9917,
75.9130

■ 31.8654, 47.8795,
51.0037

■ 76.1921, 70.1726,
78.2953

■ 30.5561, 47.2444,
49.1402

■ 76.6538, 70.3573,
80.7265

■ 29.6695, 46.8263,
47.3410

■ 77.1249, 70.5457,
83.2069

■ 29.1656, 46.5980,
45.8935

■ 77.6053, 70.7379,
85.7368

Harmonies

Analogous

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



51.7358, 57.7034, 58.6671



51.4300, 57.7034, 63.6856



52.0227, 57.7034, 68.7396

Triad

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



51.4300, 57.7034, 63.6856



56.8720, 57.7034, 71.4203



56.3454, 57.7034, 54.1802

Complementary

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



51.4300, 57.7034, 63.6856



50.4597, 49.5312, 52.8025

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.



57.7683, 57.7034, 57.2677



51.4300, 57.7034, 63.6856



58.0771, 57.7034, 67.1836

Square

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



51.4300, 57.7034, 63.6856



55.1436, 57.7034, 73.3599



58.4087, 57.7034, 61.9805



54.5482, 57.7034, 53.3578

Rectangle

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



51.4300, 57.7034, 63.6856



52.8554, 57.7034, 71.3934



58.4087, 57.7034, 61.9805



56.8846, 57.7034, 54.9789

Sweetspot

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



51.4316, 57.7058, 63.6869



91.1237, 98.0074, 107.2930



50.2778, 57.3654, 52.1398



19.3510, 20.8999, 22.9010



0.0000, 0.0000, 0.0000



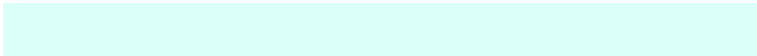
20.3446, 21.4041, 23.3091

Same Dimension

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



51.4316, 57.7058, 63.6869



82.1699, 93.4691, 103.3710



50.1345, 54.3480, 65.6082



11.4598, 12.6937, 13.9787



18.1861, 29.0197, 28.7288



0.9601, 1.5059, 1.5974

Inverse Universe

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



50.4597, 49.5312, 52.8025



80.2751, 77.5298, 82.1495



51.6309, 52.5405, 51.1371



11.2874, 11.2437, 12.0480



15.8789, 8.1621, 1.8148



0.8435, 0.4308, 0.2219

Previews

White Background



This preview shows how the XYZ color 51.4300, 57.7034, 63.6856 looks on a white background.

Color Contrast Check

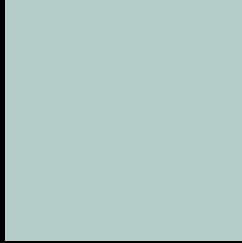
Large Text (above 18pt) WCAG AA × Fail

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 51.4300, 57.7034, 63.6856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

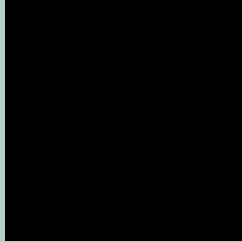
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.4300, 57.7034, 63.6856

Background



This preview shows how black text looks on a background with the XYZ color 51.4300, 57.7034, 63.6856.



This preview shows how white text looks on a background with the XYZ color 51.4300, 57.7034,

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

51.4300, 57.7034, 63.6856

Protanopia

55.4033, 57.7154, 61.0434

Deuteranopia

58.4647, 57.2034, 64.4599



Tritanopia

53.5426, 57.4934, 74.6050

Trichromacy



Original Color

51.4300, 57.7034, 63.6856

Protanomaly

53.8446, 57.5863, 61.7034

Deuteranomaly

55.5288, 57.0341, 63.9591

Tritanomaly

52.7680, 57.5326, 70.6111

Monochromacy



Original Color

51.4300, 57.7034, 63.6856

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.3332, 56.4621, 61.5661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4300, 57.7034, 63.6856 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(181, 205, 201)` looks like.

```
.text, #text, p{  
    color:rgb(181, 205, 201)  
}
```

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(181, 205, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 205, 201) }
```

Border

The CSS property to change the border of an element to XYZ 51.4300, 57.7034, 63.6856 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(181, 205, 201) }
```


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

```
.border{ border-color:rgb(181, 205, 201) }
```

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

Here you see how a box with a 4 pixel rgb(181, 205, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 205, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 205, 201);  
box-shadow:4px 4px 4px 4px rgb(181, 205,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4300, 57.7034, 63.6856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 205, 201) }
```

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

```
.background{ background-color: rgb(181,  
205, 201) }
```

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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