

Converting Colors

XYZ(51.4253, 57.2267, 62.8263)

Have a look what the booklet for
XYZ(51.4253, 57.2267, 62.8263)
contains.

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Color

**XYZ(51.5466, 57.4231,
63.0106)**

Conversions

Conversions Part 1

Format	Color
Hex	B7CCC8
RGB	183, 204, 200
RGB Percent	72%, 80%, 78%
CMY	0.2823, 0.2000, 0.2157
CMYK	0.10, 0.00, 0.02, 0.20
HSL	169°, 17%, 76%
HSV	169°, 10%, 80%
XYZ	51.5466, 57.4231, 63.0106
YIQ	197.2650, -11.2320, -5.6960

Conversions

Conversions Part 2

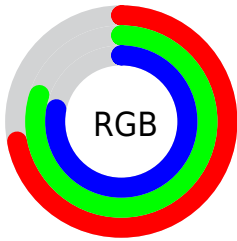
Format	Color
RYB	183, 195, 204
Decimal	12045512
CIELab	80.42, -7.84, -0.43
CIElCh	80, 7.855, 183.139
Yxy	57.4231, 0.2997, 0.3339
Android (android.graphics.Color)	4290235592 (0xFFB7CCC8)
YUV	197.2650, 1.3484, -12.5104
Hunter-Lab	75.7780, -11.1902, 3.7441

Details

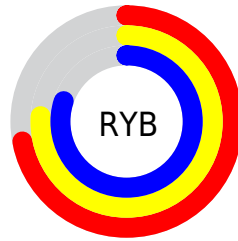
The XYZ color **51.5466, 57.4231, 63.0106** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.8070, 50.2937, 54.0460**, and the grayscale version is **53.2293, 56.0014, 60.9855**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **25.3006, 28.6338, 31.3875** is the 20% darker color. If you saturate the color by 10%, you get **46.5934, 54.9230, 60.4378**, and if you desaturate by 10%, it is **57.2180, 60.2952, 65.6798**.

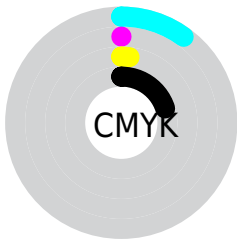
Distribution



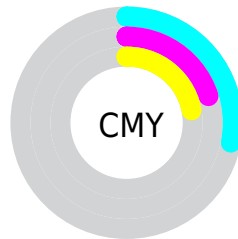
- Red (72%)
- Green (80%)
- Blue (78%)



- Red (72%)
- Yellow (76%)
- Blue (80%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (20%)



- Cyan (28%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5466, 57.4231, 63.0106 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 51.5466, 57.4231, 63.0106 by changing the saturation by 10% instead.

■ 51.5466, 57.4231,
63.0106

■ 51.5466, 57.4231,
63.0106

383.0365,
415.0328, 453.7170

■ 36.8666, 41.3450,
45.4087

■ 91.6404, 101.0823,
110.7705

■ 25.2774, 28.5888,
31.4342

117.7850,
129.4322, 141.7657

■ 16.4137, 18.7700,
20.6685

148.4817,
162.6415, 178.0623

■ 9.9101, 11.5042,
12.6930

184.0961,
201.0946, 220.0790

■ 5.4012, 6.4070,
7.0893

224.9934,
245.1759, 268.2343

■ 2.5217, 3.0941,
3.4387

271.5390,

■ 0.9062, 1.1811,

295.2698, 322.9466

1.3228

324.0982,
351.7606, 384.6347

■ 0.0000, 0.0462,
0.0803

■ 0.0000, 0.0000,
0.0000

■ 51.5466, 57.4231,
63.0106

■ 51.5466, 57.4231,
63.0106

■ 46.5934, 54.9230,
60.4378

■ 57.2180, 60.2952,
65.6798

■ 42.3231, 52.7722,
57.9556

■ 63.6310, 63.5467,
68.4433

■ 38.7052, 50.9563,
55.5634

■ 70.8141, 67.1939,
71.3040

■ 35.7045, 49.4572,
53.2590

■ 75.1710, 69.3827,
74.0940

■ 33.2827, 48.2553,
51.0403

■ 75.6784, 69.5856,
76.7660

■ 31.3970, 47.3286,
48.9048

■ 76.1978, 69.7934,
79.5010

■ 29.9987, 46.6518,
46.8497

■ 76.7292, 70.0060,
82.2995

■ 29.0301, 46.1952,
44.8719

■ 77.2727, 70.2234,
85.1618

■ 28.3967, 45.9090,
43.0209

■ 77.8285, 70.4457,
88.0884

Harmonies

Analogous

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



51.8642, 57.4231, 58.6040



51.5466, 57.4231, 63.0106



52.0282, 57.4231, 67.4958

Triad

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



51.5466, 57.4231, 63.0106



56.2884, 57.4231, 70.2435



55.9893, 57.4231, 54.9453

Complementary

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



51.5466, 57.4231, 63.0106



50.8070, 50.2937, 54.0460

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.



57.2117, 57.4231, 57.8026



51.5466, 57.4231, 63.0106



57.3868, 57.4231, 66.6150

Square

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



51.5466, 57.4231, 63.0106



54.7486, 57.4231, 71.7985



57.7279, 57.4231, 62.0399



54.4096, 57.4231, 54.0847

Rectangle

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



51.5466, 57.4231, 63.0106



52.7433, 57.4231, 69.8872



57.7279, 57.4231, 62.0399



56.4566, 57.4231, 55.6970

Sweetspot

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



51.5482, 57.4255, 63.0119



92.0574, 98.4843, 107.5393



50.6843, 57.1971, 53.1694



19.5370, 20.9951, 22.9405



0.0000, 0.0000, 0.0000



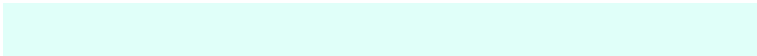
20.3446, 21.4041, 23.3091

Same Dimension

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



51.5482, 57.4255, 63.0119



83.7497, 94.2813, 103.5440



50.5548, 54.6801, 65.0193



11.4480, 12.6890, 13.9166



17.9051, 28.9073, 27.2488



0.9479, 1.5010, 1.5333

Inverse Universe

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



50.8070, 50.2937, 54.0460



82.3188, 80.5128, 86.2357



51.7132, 52.7824, 52.2630



11.2982, 11.2480, 12.1052



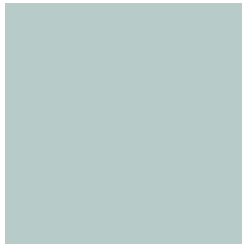
15.9287, 8.1821, 2.0772



0.8485, 0.4328, 0.2482

Previews

White Background



This preview shows how the XYZ color 51.5466, 57.4231, 63.0106 looks on a white background.

Color Contrast Check

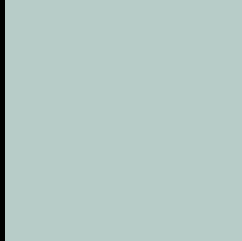
Large Text (above 18pt) WCAG AA × Fail

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 51.5466, 57.4231, 63.0106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

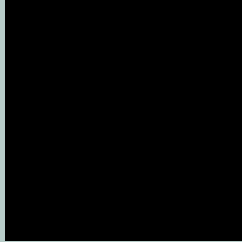
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

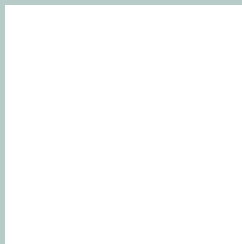
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.5466, 57.4231, 63.0106

Background



This preview shows how black text looks on a background with the XYZ color 51.5466, 57.4231, 63.0106.



This preview shows how white text looks on a background with the XYZ color 51.5466, 57.4231,

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

51.5466, 57.4231, 63.0106

Protanopia

54.9007, 57.1159, 60.9542

Deuteranopia

58.3459, 57.1559, 63.8341



Tritanopia

53.6607, 57.2221, 73.8624

Trichromacy



Original Color

51.5466, 57.4231, 63.0106

Protanomaly

53.6123, 57.1215, 61.6260

Deuteranomaly

55.6857, 57.1287, 63.3503

Tritanomaly

52.8860, 57.2585, 69.8926

Monochromacy



Original Color

51.5466, 57.4231, 63.0106

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.5855, 56.5922, 61.5779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5466, 57.4231, 63.0106 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(183, 204, 200)` looks like.

```
.text, #text, p{  
    color:rgb(183, 204, 200)  
}
```

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(183, 204, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 204, 200) }
```

Border

The CSS property to change the border of an element to XYZ 51.5466, 57.4231, 63.0106 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(183, 204, 200) }
```


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

```
.border{ border-color:rgb(183, 204, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 204, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 204, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 204, 200);  
box-shadow:4px 4px 4px 4px rgb(183, 204,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5466, 57.4231, 63.0106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 204, 200) }
```

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

```
.background{ background-color: rgb(183,  
204, 200) }
```

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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