

Converting Colors

XYZ(50.9817, 57.2931, 68.7784)

Have a look what the booklet for
XYZ(50.9817, 57.2931, 68.7784)
contains.

XYZ(51.0191, 57.3801, 68.7081)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(51.0191, 57.3801,
68.7081)**

Conversions

Conversions Part 1

Format	Color
Hex	AFCDD1
RGB	175, 205, 209
RGB Percent	69%, 80%, 82%
CMY	0.3137, 0.1961, 0.1804
CMYK	0.16, 0.02, 0.00, 0.18
HSL	187°, 27%, 75%
HSV	187°, 16%, 82%
XYZ	51.0191, 57.3801, 68.7081
YIQ	196.4860, -19.1640, -5.1160

Conversions

Conversions Part 2

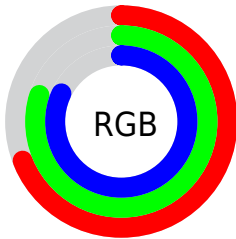
Format	Color
RYB	175, 191, 209
Decimal	11521489
CIELab	80.39, -9.14, -5.35
CIELCh	80, 10.587, 210.358
Yxy	57.3801, 0.2881, 0.3240
Android (android.graphics.Color)	4289711569 (0xFFAFCDD1)
YUV	196.4860, 6.1694, -18.8432
Hunter-Lab	75.7497, -12.3381, -0.7537

Details

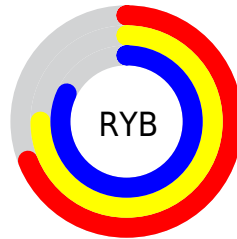
The XYZ color **51.0191, 57.3801, 68.7081** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.1528, 48.8904, 47.3517**, and the grayscale version is **52.7349, 55.4812, 60.4190**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **25.0090, 28.6374, 35.2198** is the 20% darker color. If you saturate the color by 10%, you get **46.1038, 53.9820, 68.3122**, and if you desaturate by 10%, it is **56.6730, 61.1757, 69.1437**.

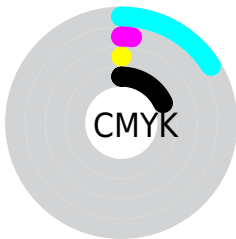
Distribution



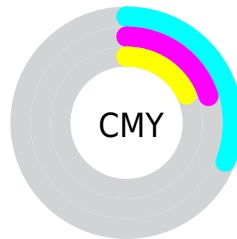
- Red (69%)
- Green (80%)
- Blue (82%)



- Red (69%)
- Yellow (75%)
- Blue (82%)



- Cyan (16%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)



- Cyan (31%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.0191, 57.3801, 68.7081 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 51.0191, 57.3801, 68.7081 by changing the saturation by 10% instead.

■ 51.0191, 57.3801,
68.7081

■ 51.0191, 57.3801,
68.7081

381.0244,
414.8721, 474.6668

■ 36.4449, 41.3105,
50.0037

■ 90.8658, 101.0196,
119.0283

■ 24.9497, 28.5618,
35.0452

116.8691,
129.3583, 151.4813

■ 16.1681, 18.7496,
23.4138

147.4127,
162.5554, 189.3542

■ 9.7348, 11.4895,
14.6912

182.8621,
200.9954, 233.0656

■ 5.2844, 6.3971,
8.4588

223.5827,
245.0627, 283.0340

■ 2.4515, 3.0880,
4.2979

269.9396,

■ 0.8709, 1.1778,

295.1416, 339.6780

1.7902

322.2984,
351.6166, 403.4161

■ 0.0000, 0.0435,
0.4215

■ 0.0000, 0.0000,
0.0000

■ 51.0191, 57.3801,
68.7081

■ 51.0191, 57.3801,
68.7081

■ 46.1038, 53.9820,
68.3122

■ 56.6730, 61.1757,
69.1437

■ 41.8887, 50.9570,
67.9505

■ 63.0917, 65.3778,
69.6164

■ 38.3397, 48.2889,
67.6225

■ 70.3062, 70.0040,
70.1291

■ 35.4175, 45.9575,
67.3265

■ 77.0066, 74.3791,
70.6205

■ 33.0789, 43.9404,
67.0604

■ 77.6363, 75.6386,
70.8304

■ 31.2750, 42.2123,
66.8220

■ 78.2755, 76.9169,
71.0434

■ 29.9488, 40.7438,
66.6084

■ 78.9241, 78.2142,
71.2596

■ 29.0284, 39.4979,
66.4164

■ 79.5823, 79.5305,
71.4790

■ 28.7391, 39.0641,
66.3480

■ 80.2500, 80.8659,
71.7016

Harmonies

Analogous

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



50.4743, 57.3801, 62.5518



51.0191, 57.3801, 68.7081



52.5020, 57.3801, 73.4399

Triad

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



51.0191, 57.3801, 68.7081



58.2424, 57.3801, 68.5705



54.5120, 57.3801, 51.2818

Complementary

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



51.0191, 57.3801, 68.7081



50.1528, 48.8904, 47.3517

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.



56.6261, 57.3801, 52.6636



51.0191, 57.3801, 68.7081



58.8143, 57.3801, 62.4026

Square

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



51.0191, 57.3801, 68.7081



56.6724, 57.3801, 73.3568



58.2152, 57.3801, 56.6348



52.4580, 57.3801, 52.7302

Rectangle

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



51.0191, 57.3801, 68.7081



53.8427, 57.3801, 75.0034



58.2152, 57.3801, 56.6348



55.2393, 57.3801, 51.4296

Sweetspot

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



51.0208, 57.3825, 68.7094



90.0375, 96.7089, 108.5289



48.6139, 57.9692, 51.2580



19.1263, 20.6035, 23.2188



0.0000, 0.0000, 0.0000



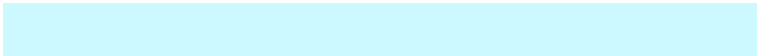
20.3446, 21.4041, 23.3091

Same Dimension

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



51.0208, 57.3825, 68.7094



76.8289, 87.8115, 107.5077



47.1790, 49.6990, 67.4288



12.0348, 13.1599, 15.1495



17.7667, 24.1801, 40.9233



1.0277, 1.4207, 2.2996

Inverse Universe

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



52.6452, 48.6241, 64.3711



79.9325, 71.2856, 99.1728



53.7657, 56.1162, 48.5561



12.2485, 11.9841, 14.5842



21.5986, 10.5123, 29.1219



1.2250, 0.5947, 1.7196

Previews

White Background



This preview shows how the XYZ color 51.0191, 57.3801, 68.7081 looks on a white background.

Color Contrast Check

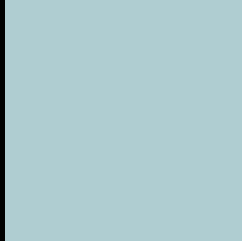
Large Text (above 18pt) WCAG AA × Fail

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 51.0191, 57.3801, 68.7081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

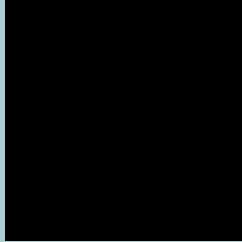
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.0191, 57.3801, 68.7081

Background



This preview shows how black text looks on a background with the XYZ color 51.0191, 57.3801, 68.7081.



This preview shows how white text looks on a background with the XYZ color 51.0191, 57.3801,

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

51.0191, 57.3801, 68.7081

Protanopia

55.3009, 57.2135, 65.8862

Deuteranopia

58.2684, 56.9892, 69.5570



Tritanopia

52.4057, 57.2263, 75.9939

Trichromacy



Original Color

51.0191, 57.3801, 68.7081

Protanomaly

53.7655, 57.4360, 66.6450

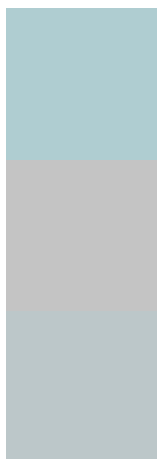
Deuteranomaly

55.1523, 56.7278, 69.0155

Tritanomaly

51.8920, 57.3737, 73.3050

Monochromacy



Original Color

51.0191, 57.3801, 68.7081

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.7051, 55.7553, 63.2950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0191, 57.3801, 68.7081 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(175, 205, 209)` looks like.

```
.text, #text, p{  
    color:rgb(175, 205, 209)  
}
```

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(175, 205, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 205, 209) }
```

Border

The CSS property to change the border of an element to XYZ 51.0191, 57.3801, 68.7081 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(175, 205, 209) }
```


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

```
.border{ border-color:rgb(175, 205, 209) }
```

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

Here you see how a box with a 4 pixel rgb(175, 205, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 205, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 205, 209);  
box-shadow:4px 4px 4px 4px rgb(175, 205,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0191, 57.3801, 68.7081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 205, 209) }
```

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

```
.background{ background-color: rgb(175,  
205, 209) }
```

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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