

Converting Colors

XYZ(51.9573, 57.1327, 68.8717)

Have a look what the booklet for
XYZ(51.9573, 57.1327, 68.8717)
contains.

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Color

**XYZ(51.9206, 57.1391,
68.6140)**

Conversions

Conversions Part 1

Format	Color
Hex	B5CBD1
RGB	181, 203, 209
RGB Percent	71%, 80%, 82%
CMY	0.2902, 0.2039, 0.1804
CMYK	0.13, 0.03, 0.00, 0.18
HSL	193°, 23%, 76%
HSV	193°, 13%, 82%
XYZ	51.9206, 57.1391, 68.6140
YIQ	197.1060, -15.0380, -2.7980

Conversions

Conversions Part 2

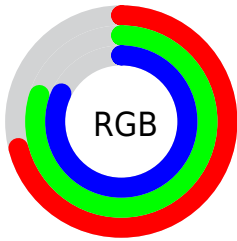
Format	Color
RYB	181, 193, 209
Decimal	11914193
CIELab	80.26, -6.17, -5.51
CIElCh	80, 8.272, 221.726
Yxy	57.1391, 0.2922, 0.3216
Android (android.graphics.Color)	4290104273 (0xFFB5CBD1)
YUV	197.1060, 5.8637, -14.1250
Hunter-Lab	75.5904, -9.6774, -0.9047

Details

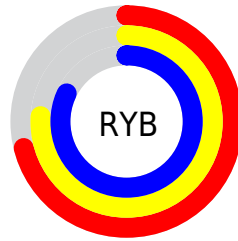
The XYZ color **51.9206, 57.1391, 68.6140** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.4056, 52.4319, 51.0753**, and the grayscale version is **53.1085, 55.8743, 60.8471**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **25.5659, 28.4506, 35.1544** is the 20% darker color. If you saturate the color by 10%, you get **46.3414, 52.7176, 68.0555**, and if you desaturate by 10%, it is **58.2689, 62.0054, 69.2196**.

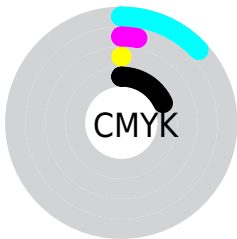
Distribution



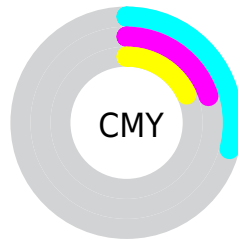
- Red (71%)
- Green (80%)
- Blue (82%)



- Red (71%)
- Yellow (76%)
- Blue (82%)



- Cyan (13%)
- Magenta (3%)
- Yellow (0%)
- Black (18%)



- Cyan (29%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.9206, 57.1391, 68.6140 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 51.9206, 57.1391, 68.6140 by changing the saturation by 10% instead.

■ 51.9206, 57.1391,
68.6140

■ 51.9206, 57.1391,
68.6140

384.4590,
413.9703, 474.3254

■ 37.1658, 41.1169,
49.9276

■ 92.1891, 100.6681,
118.8926

■ 25.5102, 28.4105,
34.9851

118.4334,
128.9438, 151.3219

■ 16.5883, 18.6353,
23.3679

149.2384,
162.0727, 189.1692

■ 10.0349, 11.4071,
14.6576

184.9692,
200.4393, 232.8531

■ 5.4845, 6.3413,
8.4355

225.9914,
244.4280, 282.7921

■ 2.5719, 3.0537,
4.2831

272.6701,

■ 0.9317, 1.1598,

294.4231, 339.4048

1.7819

325.3709,
350.8091, 403.1097

■ 0.0000, 0.0285,
0.4160

■ 0.0000, 0.0000,
0.0000

■ 51.9206, 57.1391,
68.6140

■ 51.9206, 57.1391,
68.6140

■ 46.3414, 52.7176,
68.0555

■ 58.2689, 62.0054,
69.2196

■ 41.4933, 48.7165,
67.5388

■ 65.4120, 67.3256,
69.8700

■ 37.3426, 45.1195,
67.0632

■ 73.3808, 73.1175,
70.5680

■ 33.8511, 41.9064,
66.6271

■ 78.5814, 77.5288,
71.1453

■ 30.9765, 39.0552,
66.2282

■ 79.7785, 79.9230,
71.5444

■ 28.6715, 36.5410,
65.8644

■ 81.0073, 82.3806,
71.9540

■ 26.8816, 34.3353,
65.5330

■ 82.2681, 84.9022,
72.3742

■ 25.5411, 32.4038,
65.2309

■ 83.5612, 87.4883,
72.8052

■ 24.8269, 31.2397,
65.0438

■ 84.8867, 90.1393,
73.2471

Harmonies

Analogous

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



51.1902, 57.1391, 64.1245



51.9206, 57.1391, 68.6140



53.2968, 57.1391, 71.4730

Triad

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



51.9206, 57.1391, 68.6140



57.4522, 57.1391, 65.1776



53.6515, 57.1391, 53.5435

Complementary

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



51.9206, 57.1391, 68.6140



52.4056, 52.4319, 51.0753

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.



55.3339, 57.1391, 53.7927



51.9206, 57.1391, 68.6140



57.5519, 57.1391, 60.3433

Square

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



51.9206, 57.1391, 68.6140



56.4997, 57.1391, 69.4192



56.7695, 57.1391, 56.2263



52.1756, 57.1391, 55.5268

Rectangle

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



51.9206, 57.1391, 68.6140



54.4069, 57.1391, 71.9842



56.7695, 57.1391, 56.2263



54.2112, 57.1391, 53.3718

Sweetspot

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



51.9223, 57.1415, 68.6153



90.7035, 96.7306, 108.4980



50.7843, 58.9964, 55.5013



19.2442, 20.5755, 23.2071



0.0000, 0.0000, 0.0000



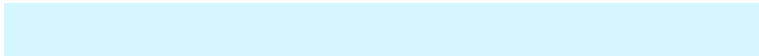
20.3446, 21.4041, 23.3091

Same Dimension

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



51.9223, 57.1415, 68.6153



78.8754, 87.6170, 107.3623



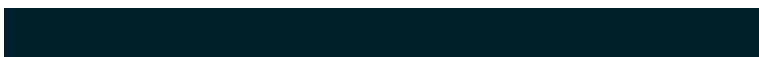
48.8494, 50.9957, 67.5910



11.9345, 12.9593, 15.1160



15.3816, 19.4099, 40.1283



0.9149, 1.1950, 2.2620

Inverse Universe

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



53.5991, 50.9160, 63.5055



82.0120, 76.1243, 97.7704



55.4294, 58.4795, 52.0833



12.1979, 11.9639, 14.3177



20.3947, 10.0307, 22.7822



1.1680, 0.5719, 1.4197

Previews

White Background



This preview shows how the XYZ color 51.9206, 57.1391, 68.6140 looks on a white background.

Color Contrast Check

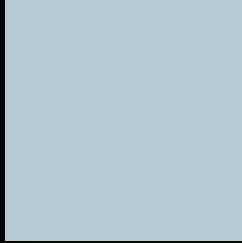
Large Text (above 18pt) WCAG AA × Fail

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 51.9206, 57.1391, 68.6140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

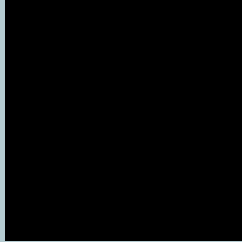
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

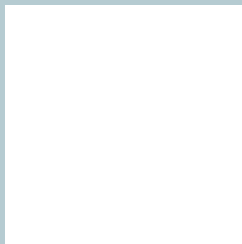
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.9206, 57.1391, 68.6140

Background



This preview shows how black text looks on a background with the XYZ color 51.9206, 57.1391, 68.6140.

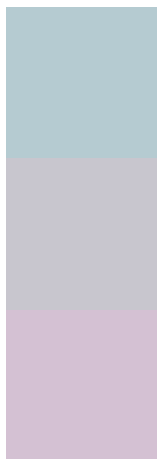


This preview shows how white text looks on a background with the XYZ color 51.9206, 57.1391,

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

51.9206, 57.1391, 68.6140

Protanopia

55.1541, 57.1238, 66.5116

Deuteranopia

57.9792, 56.8401, 69.5434



Tritanopia

53.3039, 57.3703, 74.5938

Trichromacy



Original Color

51.9206, 57.1391, 68.6140

Protanomaly

53.9091, 57.1510, 67.2214

Deuteranomaly

55.6865, 57.0032, 69.0405

Tritanomaly

52.6777, 57.0924, 72.5335

Monochromacy



Original Color

51.9206, 57.1391, 68.6140

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.4519, 56.1403, 63.3300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9206, 57.1391, 68.6140 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, 203, 209)` looks like.

```
.text, #text, p{  
    color:rgb(181, 203, 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(181, 203, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 203, 209) }
```

Border

The CSS property to change the border of an element to XYZ 51.9206, 57.1391, 68.6140 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, 203, 209) }
```


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

```
.border{ border-color:rgb(181, 203, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 203, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 203, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 203, 209);  
box-shadow:4px 4px 4px 4px rgb(181, 203,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9206, 57.1391, 68.6140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 203, 209) }
```

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

```
.background{ background-color: rgb(181,  
203, 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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