

Converting Colors

XYZ(50.5681, 57.9267, 66.2681)

Have a look what the booklet for
XYZ(50.5681, 57.9267, 66.2681)
contains.

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Color

**XYZ(50.5658, 57.9177,
66.2717)**

Conversions

Conversions Part 1

Format	Color
Hex	ADCFCFCD
RGB	173, 207, 205
RGB Percent	68%, 81%, 80%
CMY	0.3216, 0.1882, 0.1961
CMYK	0.16, 0.00, 0.01, 0.19
HSL	176°, 26%, 75%
HSV	176°, 16%, 81%
XYZ	50.5658, 57.9177, 66.2717
YIQ	196.6060, -19.6220, -7.8300

Conversions

Conversions Part 2

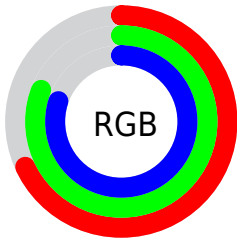
Format	Color
RYB	173, 191, 207
Decimal	11390925
CIELab	80.69, -11.64, -2.78
CIELCh	81, 11.964, 193.443
Yxy	57.9177, 0.2894, 0.3314
Android (android.graphics.Color)	4289581005 (0xFFADCFCD)
YUV	196.6060, 4.1382, -20.7025
Hunter-Lab	76.1037, -14.5801, 1.6424

Details

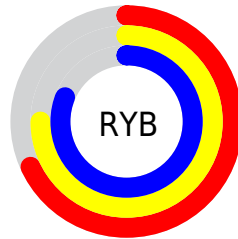
The XYZ color **50.5658, 57.9177, 66.2717** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.4156, 46.2491, 46.9351**, and the grayscale version is **52.8191, 55.5698, 60.5155**.

A 20% lighter version of the original color is **86.1231, 95.3980, 108.4822**, and **24.7229, 29.0099, 33.5746** is the 20% darker color. If you saturate the color by 10%, you get **46.1922, 55.6815, 65.3027**, and if you desaturate by 10%, it is **55.6531, 60.5248, 67.2825**.

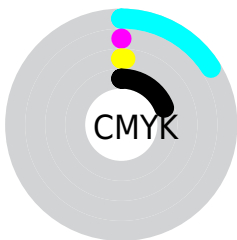
Distribution



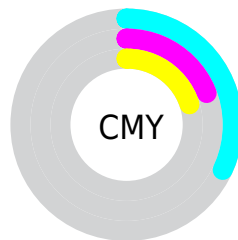
- Red (68%)
- Green (81%)
- Blue (80%)



- Red (68%)
- Yellow (75%)
- Blue (81%)



- Cyan (16%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)



- Cyan (32%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.5658, 57.9177, 66.2717 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 50.5658, 57.9177, 66.2717 by changing the saturation by 10% instead.

■ 50.5658, 57.9177,
66.2717

■ 50.5658, 57.9177,
66.2717

379.2900,
416.8792, 465.7787

■ 36.0828, 41.7425,
48.0351

■ 90.1994, 101.8030,
115.5069

■ 24.6686, 28.8997,
33.4945

116.0808,
130.2819, 147.3427

■ 15.9577, 19.0050,
22.2313

146.4923,
163.6308, 184.5485

■ 9.5849, 11.6739,
13.8270

181.7994,
202.2341, 227.5430

■ 5.1847, 6.5220,
7.8631

222.3673,
246.4762, 276.7448

■ 2.3919, 3.1650,
3.9210

268.5615,

■ 0.8411, 1.2185,

296.7415, 332.5723

1.5821

320.7473,
353.4143, 395.4440

■ 0.0000, 0.0767,
0.2780

■ 0.0000, 0.0000,
0.0000

■ 50.5658, 57.9177,
66.2717

■ 50.5658, 57.9177,
66.2717

■ 46.1922, 55.6815,
65.3027

■ 55.6531, 60.5248,
67.2825

■ 42.4947, 53.7922,
64.3701

■ 61.4795, 63.5112,
68.3327

■ 39.4399, 52.2341,
63.4736

■ 68.0754, 66.8941,
69.4249

■ 36.9896, 50.9874,
62.6113

■ 75.1717, 70.5350,
70.5466

■ 35.1014, 50.0304,
61.7813

■ 75.3242, 70.5959,
71.3493

■ 33.7276, 49.3385,
60.9812

■ 75.4778, 70.6574,
72.1581

■ 32.8124, 48.8828,
60.2085

■ 75.6325, 70.7193,
72.9731

■ 32.2847, 48.6268,
59.4599

■ 75.7885, 70.7816,
73.7942

■ 32.1428, 48.5594,
59.1959

■ 75.9456, 70.8445,
74.6215

Harmonies

Analogous

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



50.6288, 57.9177, 59.2720



50.5658, 57.9177, 66.2717



51.6783, 57.9177, 72.8666

Triad

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



50.5658, 57.9177, 66.2717



58.3736, 57.9177, 73.4427



56.4111, 57.9177, 50.9233

Complementary

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



50.5658, 57.9177, 66.2717



48.4156, 46.2491, 46.9351

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.



58.5633, 57.9177, 54.1798



50.5658, 57.9177, 66.2717



59.7193, 57.9177, 67.0113

Square

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



50.5658, 57.9177, 66.2717



56.1585, 57.9177, 77.2105



59.7897, 57.9177, 59.9587



53.9543, 57.9177, 50.7579

Rectangle

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



50.5658, 57.9177, 66.2717



52.9566, 57.9177, 76.0031



59.7897, 57.9177, 59.9587



57.1959, 57.9177, 51.6811

Sweetspot

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



50.5675, 57.9201, 66.2730



90.3931, 97.6132, 108.0521



47.5964, 56.7901, 47.9890



19.2130, 20.8242, 23.1024



0.0000, 0.0000, 0.0000



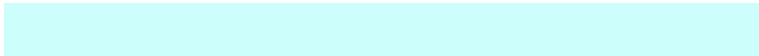
20.3446, 21.4041, 23.3091

Same Dimension

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



50.5675, 57.9201, 66.2730



78.2318, 91.3854, 105.6077



47.4059, 51.2076, 66.4199



12.1270, 13.3946, 15.0254



20.2629, 30.5981, 37.3600



1.1423, 1.7146, 2.1382

Inverse Universe

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



48.4156, 46.2491, 46.9351



74.0959, 68.9509, 68.4379



51.2033, 52.1371, 46.9007



11.8366, 11.8194, 12.4152



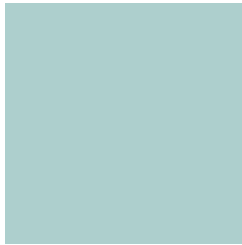
16.2667, 8.3795, 1.0448



0.9197, 0.4726, 0.1118

Previews

White Background



This preview shows how the XYZ color 50.5658, 57.9177, 66.2717 looks on a white background.

Color Contrast Check

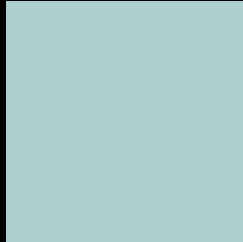
Large Text (above 18pt) WCAG AA × Fail

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 50.5658, 57.9177, 66.2717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

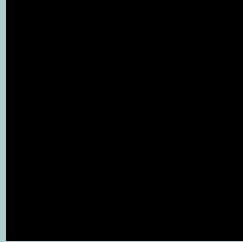
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.5658, 57.9177, 66.2717

Background



This preview shows how black text looks on a background with the XYZ color 50.5658, 57.9177, 66.2717.

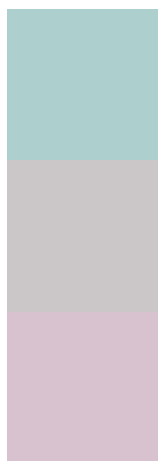


This preview shows how white text looks on a background with the XYZ color 50.5658, 57.9177,

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

50.5658, 57.9177, 66.2717

Protanopia

55.4774, 57.7135, 62.8594

Deuteranopia

58.9959, 57.7366, 67.7094



Tritanopia

52.7870, 58.1132, 76.8414

Trichromacy



Original Color

50.5658, 57.9177, 66.2717

Protanomaly

53.5194, 57.7118, 64.1958

Deuteranomaly

55.5053, 57.6312, 67.2300

Tritanomaly

52.0162, 58.1629, 72.7750

Monochromacy



Original Color

50.5658, 57.9177, 66.2717

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.0510, 56.6348, 62.8318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5658, 57.9177, 66.2717 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(173, 207, 205)` looks like.

```
.text, #text, p{  
    color:rgb(173, 207, 205)  
}
```

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(173, 207, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 207, 205) }
```

Border

The CSS property to change the border of an element to XYZ 50.5658, 57.9177, 66.2717 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(173, 207, 205) }
```


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

```
.border{ border-color:rgb(173, 207, 205) }
```

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

Here you see how a box with a 4 pixel rgb(173, 207, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 207, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 207, 205);  
box-shadow:4px 4px 4px 4px rgb(173, 207,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5658, 57.9177, 66.2717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 207, 205) }
```

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

```
.background{ background-color: rgb(173,  
207, 205) }
```

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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