

Converting Colors

XYZ(51.0935, 57.1069, 66.7223)

Have a look what the booklet for
XYZ(51.0935, 57.1069, 66.7223)
contains.

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Color

**XYZ(51.0935, 57.1069,
66.7223)**

Conversions

Conversions Part 1

Format	Color
Hex	B2CCCE
RGB	178, 204, 206
RGB Percent	70%, 80%, 81%
CMY	0.3020, 0.2000, 0.1922
CMYK	0.14, 0.01, 0.00, 0.19
HSL	184°, 22%, 75%
HSV	184°, 14%, 81%
XYZ	51.0935, 57.1069, 66.7223
YIQ	196.4540, -16.1380, -4.8900

Conversions

Conversions Part 2

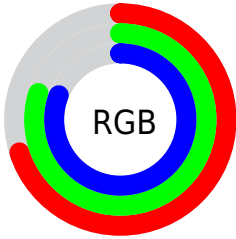
Format	Color
R_{YB}	178, 191, 206
Decimal	11717838
CIE _{Lab}	80.24, -8.28, -3.95
CIE _{LCh}	80, 9.170, 205.488
Yxy	57.1069, 0.2921, 0.3265
Android (android.graphics.Color)	4289907918 (0xFFB2CCCE)
YUV	196.4540, 4.7062, -16.1842
Hunter-Lab	75.5691, -11.5592, 0.5494

Details

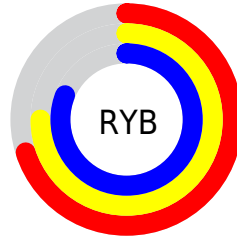
The XYZ color **51.0935, 57.1069, 66.7223** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.8111, 48.9785, 48.9489**, and the grayscale version is **52.7228, 55.4685, 60.4052**.

A 20% lighter version of the original color is **87.7417, 96.2324, 108.5580**, and **25.0313, 28.4397, 33.8759** is the 20% darker color. If you saturate the color by 10%, you get **46.3702, 54.1575, 66.4029**, and if you desaturate by 10%, it is **56.5332, 60.4336, 67.0786**.

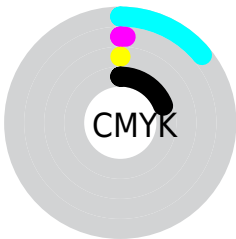
Distribution



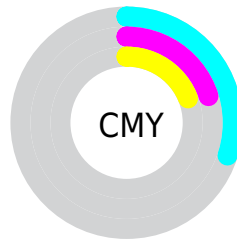
- Red (70%)
- Green (80%)
- Blue (81%)



- Red (70%)
- Yellow (75%)
- Blue (81%)



- Cyan (14%)
- Magenta (1%)
- Yellow (0%)
- Black (19%)



- Cyan (30%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.0935, 57.1069, 66.7223 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 51.0935, 57.1069, 66.7223 by changing the saturation by 10% instead.

■ 51.0935, 57.1069,
66.7223

■ 51.0935, 57.1069,
66.7223

381.3086,
413.8498, 467.4302

■ 36.5044, 41.0911,
48.3988

■ 90.9751, 100.6212,
116.1593

■ 24.9959, 28.3903,
33.7806

116.9983,
128.8884, 148.1098

■ 16.2027, 18.6200,
22.4491

147.5636,
162.0082, 185.4398

■ 9.7595, 11.3961,
13.9858

183.0364,
200.3649, 228.5678

■ 5.3008, 6.3339,
7.9721

223.7819,
244.3431, 277.9123

■ 2.4614, 3.0492,
3.9896

270.1655,

■ 0.8758, 1.1574,

294.3270, 333.8918

1.6196

322.5526,
350.7011, 396.9249

■ 0.0000, 0.0265,
0.3048

■ 0.0000, 0.0000,
0.0000

■ 51.0935, 57.1069,
66.7223

■ 51.0935, 57.1069,
66.7223

■ 46.3702, 54.1575,
66.4029

■ 56.5332, 60.4336,
67.0786

■ 42.3267, 51.5619,
66.1150

■ 62.7140, 64.1457,
67.4694

■ 38.9309, 49.3050,
65.8583

■ 69.6653, 68.2600,
67.8971

■ 36.1459, 47.3679,
65.6312

■ 75.3981, 71.7510,
68.2688

■ 33.9311, 45.7295,
65.4317

■ 75.7622, 72.4793,
68.3902

■ 32.2411, 44.3665,
65.2577

■ 76.1297, 73.2143,
68.5127

■ 31.0233, 43.2518,
65.1067

■ 76.5006, 73.9560,
68.6363

■ 30.2143, 42.3526,
64.9758

■ 76.8748, 74.7044,
68.7610

■ 29.8389, 41.8526,
64.8991

■ 77.2524, 75.4596,
68.8869

Harmonies

Analogous

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



50.7684, 57.1069, 61.3723



51.0935, 57.1069, 66.7223



52.2644, 57.1069, 71.0672

Triad

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



51.0935, 57.1069, 66.7223



57.2989, 57.1069, 68.2054



54.5621, 57.1069, 52.4584

Complementary

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



51.0935, 57.1069, 66.7223



49.8111, 48.9785, 48.9489

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.



56.3435, 57.1069, 54.0659



51.0935, 57.1069, 66.7223



57.9465, 57.1069, 62.9942

Square

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



51.0935, 57.1069, 66.7223



55.8422, 57.1069, 71.9574



57.5930, 57.1069, 57.8481



52.7441, 57.1069, 53.3305

Rectangle

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



51.0935, 57.1069, 66.7223



53.3814, 57.1069, 72.7034



57.5930, 57.1069, 57.8481



55.1854, 57.1069, 52.7239

Sweetspot

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



51.0952, 57.1093, 66.7236



91.1648, 97.6532, 108.6518



48.6570, 56.8984, 51.5278



19.3614, 20.8098, 23.2462



0.0000, 0.0000, 0.0000



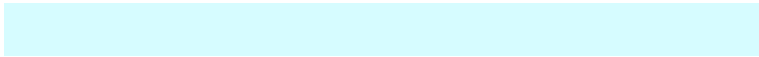
20.3446, 21.4041, 23.3091

Same Dimension

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



51.0952, 57.1093, 66.7236



80.6786, 91.2236, 107.9634



47.9440, 50.8069, 65.6732



11.4721, 12.5847, 14.3948



18.4037, 25.8315, 39.9723



0.9704, 1.3746, 2.0691

Inverse Universe

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



52.2743, 49.3234, 63.8947



82.9222, 76.4884, 102.5635



52.7525, 54.8614, 49.9294



11.6517, 11.3894, 13.9663



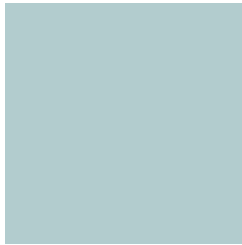
21.5003, 10.4107, 31.4167



1.1198, 0.5413, 1.6765

Previews

White Background



This preview shows how the XYZ color 51.0935, 57.1069, 66.7223 looks on a white background.

Color Contrast Check

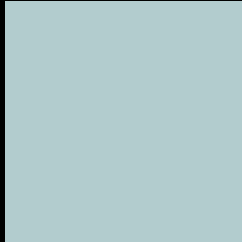
Large Text (above 18pt) WCAG AA × Fail

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 51.0935, 57.1069, 66.7223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

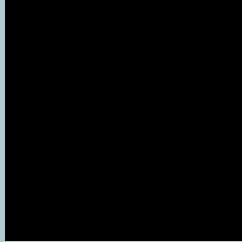
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.0935, 57.1069, 66.7223

Background



This preview shows how black text looks on a background with the XYZ color 51.0935, 57.1069, 66.7223.



This preview shows how white text looks on a background with the XYZ color 51.0935, 57.1069,

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

51.0935, 57.1069, 66.7223

Protanopia

54.9421, 57.0699, 63.9970

Deuteranopia

58.1867, 56.9901, 67.6079



Tritanopia

52.5978, 57.0063, 74.5608

Trichromacy



Original Color

51.0935, 57.1069, 66.7223

Protanomaly

53.4261, 56.9578, 64.6780

Deuteranomaly

55.3161, 56.8550, 67.0901

Tritanomaly

52.0839, 57.1506, 71.9044

Monochromacy



Original Color

51.0935, 57.1069, 66.7223

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.8350, 55.8358, 62.6890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0935, 57.1069, 66.7223 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(178, 204, 206) looks like.

```
.text, #text, p{  
    color:rgb(178, 204, 206)  
}
```

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(178, 204, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 204, 206) }
```

Border

The CSS property to change the border of an element to XYZ 51.0935, 57.1069, 66.7223 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(178, 204, 206) }
```


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

```
.border{ border-color:rgb(178, 204, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 204, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 204, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 204, 206);  
box-shadow:4px 4px 4px 4px rgb(178, 204,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0935, 57.1069, 66.7223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 204, 206) }
```

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

```
.background{ background-color: rgb(178,  
204, 206) }
```

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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