

Converting Colors

XYZ(50.3372, 57.1208, 68.9413)

Have a look what the booklet for
XYZ(50.3372, 57.1208, 68.9413)
contains.

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Color

**XYZ(50.1345, 56.9240,
68.6667)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | ABCDD1 |
| RGB | 171, 205, 209 |
| RGB Percent | 67%, 80%, 82% |
| CMY | 0.3294, 0.1961, 0.1804 |
| CMYK | 0.18, 0.02, 0.00, 0.18 |
| HSL | 186°, 29%, 75% |
| HSV | 186°, 18%, 82% |
| XYZ | 50.1345, 56.9240, 68.6667 |
| YIQ | 195.2900, -21.5480, -5.9640 |

Conversions

Conversions Part 2

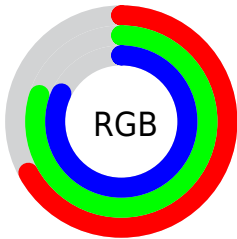
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 171, 189, 209 |
| Decimal | 11259345 |
| CIELab | 80.14, -10.39, -5.76 |
| CIELCh | 80, 11.882, 208.985 |
| Yxy | 56.9240, 0.2853, 0.3239 |
| Android (android.graphics.Color) | 4289449425 (0xFFABCDD1) |
| YUV | 195.2900, 6.7590, -21.3023 |
| Hunter-Lab | 75.4480, -13.4224, -1.1474 |

Details

The XYZ color **50.1345, 56.9240, 68.6667** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.9756, 47.1555, 45.0497**, and the grayscale version is **52.0161, 54.7250, 59.5955**.

A 20% lighter version of the original color is **85.4886, 95.0709, 108.4525**, and **24.4542, 28.3513, 35.1938** is the 20% darker color. If you saturate the color by 10%, you get **45.4153, 53.7174, 68.2974**, and if you desaturate by 10%, it is **55.5842, 60.5212, 69.0747**.

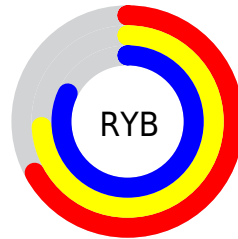
Distribution



Red (67%)

Green (80%)

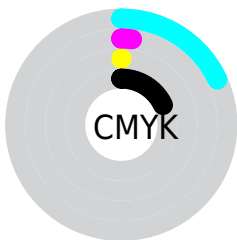
Blue (82%)



Red (67%)

Yellow (74%)

Blue (82%)

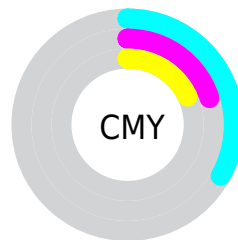


Cyan (18%)

Magenta (2%)

Yellow (0%)

Black (18%)



Cyan (33%)

Magenta (20%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.1345, 56.9240, 68.6667 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 50.1345, 56.9240, 68.6667 by changing the saturation by 10% instead.

■ 50.1345, 56.9240,
68.6667

■ 50.1345, 56.9240,
68.6667

377.6350,
413.1645, 474.5166

■ 35.7385, 40.9442,
49.9702

■ 89.5648, 100.3543,
118.9686

■ 24.4015, 28.2755,
35.0187

115.3297,
128.5736, 151.4112

■ 15.7581, 18.5334,
23.3936

145.6151,
161.6415, 189.2728

■ 9.4429, 11.3336,
14.6764

180.7862,
199.9425, 232.9721

■ 5.0906, 6.2917,
8.4485

221.2084,
243.8609, 282.9276

■ 2.3358, 3.0233,
4.2914

267.2470,

■ 0.8129, 1.1439,

293.7811, 339.5578

1.7865

319.2674,
350.0875, 403.2813

■ 0.0000, 0.0151,
0.4190

■ 0.0000, 0.0000,
0.0000

■ 50.1345, 56.9240,
68.6667

■ 50.1345, 56.9240,
68.6667

■ 45.4153, 53.7174,
68.2974

■ 55.5842, 60.5212,
69.0747

■ 41.3879, 50.8768,
67.9614

■ 61.7911, 64.5182,
69.5191

■ 38.0175, 48.3859,
67.6582

■ 68.7864, 68.9327,
70.0025

■ 35.2642, 46.2239,
67.3860

■ 76.5983, 73.7793,
70.5262

■ 33.0839, 44.3680,
67.1427

■ 77.3039, 74.9736,
70.7196

■ 31.4263, 42.7924,
66.9260

■ 77.8709, 76.1077,
70.9086

■ 30.2325, 41.4666,
66.7330

■ 78.4455, 77.2569,
71.1001

■ 29.4151, 40.3455,
66.5597

■ 79.0277, 78.4213,
71.2942

■ 29.2826, 40.1511,
66.5291

■ 79.6175, 79.6010,
71.4908

Harmonies

Analogous

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



49.5832, 56.9240, 61.7447



50.1345, 56.9240, 68.6667



51.7416, 56.9240, 74.1206

Triad

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



50.1345, 56.9240, 68.6667



58.1922, 56.9240, 69.1056



54.1871, 56.9240, 49.5856

Complementary

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



50.1345, 56.9240, 68.6667



48.9756, 47.1555, 45.0497

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.



56.5384, 56.9240, 51.2443



50.1345, 56.9240, 68.6667



58.8928, 56.9240, 62.2170

Square

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



50.1345, 56.9240, 68.6667



56.3914, 56.9240, 74.3870



58.2789, 56.9240, 55.7432



51.8804, 56.9240, 51.0365

Rectangle

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



50.1345, 56.9240, 68.6667



53.2201, 56.9240, 76.0067



58.2789, 56.9240, 55.7432



54.9987, 56.9240, 49.7957

Sweetspot

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



50.1362, 56.9263, 68.6680



90.0874, 96.8088, 108.5456



47.3143, 57.3472, 49.0309



19.1385, 20.6279, 23.2228



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.



50.1362, 56.9263, 68.6680



75.4829, 87.1609, 107.4531



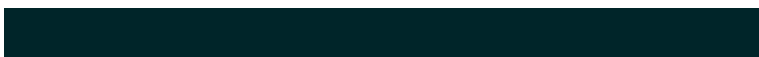
45.9053, 48.4646, 67.2577



12.0477, 13.1857, 15.1538



18.0976, 24.8418, 41.0336



1.0431, 1.4514, 2.3047

Inverse Universe

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



51.8782, 47.0901, 64.1153



78.7547, 68.9066, 98.8528



52.8935, 54.9912, 46.3557



12.2550, 11.9867, 14.6185



21.7656, 10.5791, 30.0013



1.2328, 0.5978, 1.7605

Previews

White Background



This preview shows how the XYZ color 50.1345, 56.9240, 68.6667 looks on a white background.

Color Contrast Check

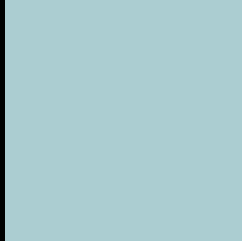
Large Text (above 18pt) WCAG AA × Fail

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 50.1345, 56.9240, 68.6667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

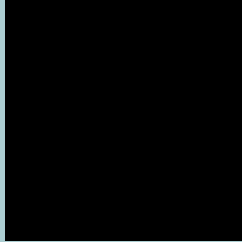
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.1345, 56.9240, 68.6667

Background



This preview shows how black text looks on a background with the XYZ color 50.1345, 56.9240, 68.6667.



This preview shows how white text looks on a background with the XYZ color 50.1345, 56.9240,

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

50.1345, 56.9240, 68.6667

Protanopia

54.6848, 56.5715, 65.1639

Deuteranopia

58.1050, 56.8904, 70.2058



Tritanopia

51.5078, 56.7634, 75.9518

Trichromacy



Original Color

50.1345, 56.9240, 68.6667

Protanomaly

52.7811, 56.5836, 66.5324

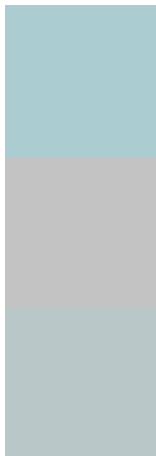
Deuteranomaly

54.7501, 56.5060, 69.6491

Tritanomaly

51.0008, 56.9143, 73.2633

Monochromacy



Original Color

50.1345, 56.9240, 68.6667

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.0985, 55.4561, 62.6545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1345, 56.9240, 68.6667 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(171, 205, 209)` looks like.

```
.text, #text, p{  
    color:rgb(171, 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(171, 205, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 205, 209) }
```

Border

The CSS property to change the border of an element to XYZ 50.1345, 56.9240, 68.6667 is called "border". The border property can be set on classes, ids or directly on the HTML element.

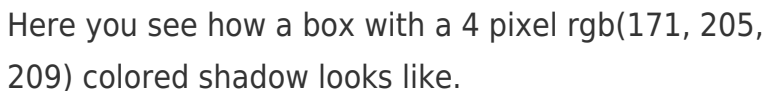
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 205, 209) }
```


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

```
.border{ border-color:rgb(171, 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(171, 205, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 205, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 205, 209); box-shadow:4px 4px 4px 4px rgb(171, 205, 209) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1345, 56.9240, 68.6667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 205, 209) }
```

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

```
.background{ background-color: rgb(171,  
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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