

Converting Colors

XYZ(51.7882, 56.4713, 62.1879)

Have a look what the booklet for
XYZ(51.7882, 56.4713, 62.1879)
contains.

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Color

**XYZ(51.9345, 56.5882,
62.2182)**

Conversions

Conversions Part 1

Format	Color
Hex	BCC9C7
RGB	188, 201, 199
RGB Percent	74%, 79%, 78%
CMY	0.2627, 0.2117, 0.2196
CMYK	0.06, 0.00, 0.01, 0.21
HSL	171°, 11%, 76%
HSV	171°, 6%, 79%
XYZ	51.9345, 56.5882, 62.2182
YIQ	196.8850, -7.1060, -3.3780

Conversions

Conversions Part 2

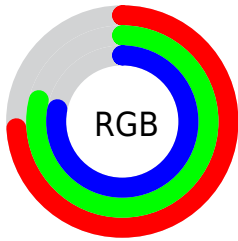
Format	Color
R_{YB}	188, 195, 201
Decimal	12372423
CIE _{Lab}	79.95, -4.80, -0.54
CIE _{LCh}	80, 4.830, 186.398
Yxy	56.5882, 0.3042, 0.3314
Android (android.graphics.Color)	4290562503 (0xFFBCC9C7)
YUV	196.8850, 1.0427, -7.7921
Hunter-Lab	75.2251, -8.4098, 3.6192

Details

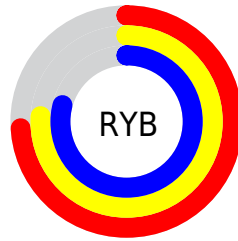
The XYZ color **51.9345, 56.5882, 62.2182** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.3670, 52.1032, 56.0675**, and the grayscale version is **52.9999, 55.7600, 60.7226**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **25.5362, 28.0627, 30.8588** is the 20% darker color. If you saturate the color by 10%, you get **46.9681, 54.0706, 60.1290**, and if you desaturate by 10%, it is **57.6011, 59.4691, 64.3808**.

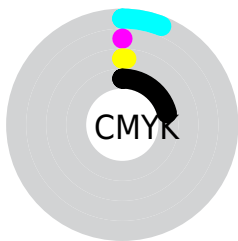
Distribution



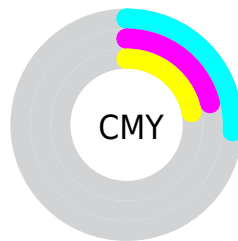
- Red (74%)
- Green (79%)
- Blue (78%)



- Red (74%)
- Yellow (76%)
- Blue (79%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (21%)



- Cyan (26%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.9345, 56.5882, 62.2182 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 51.9345, 56.5882, 62.2182 by changing the saturation by 10% instead.

■ 51.9345, 56.5882,
62.2182

■ 51.9345, 56.5882,
62.2182

384.5118,
411.9044, 450.7562

■ 37.1769, 40.6747,
44.7721

■ 92.2094, 99.8641,
109.6155

■ 25.5188, 28.0650,
30.9363

118.4575,
127.9952, 140.4038

■ 16.5948, 18.3747,
20.2923

149.2665,
160.9678, 176.4765

■ 10.0395, 11.2193,
12.4215

185.0016,
199.1660, 218.2522

■ 5.4876, 6.2145,
6.9054

226.0284,
242.9744, 266.1495

■ 2.5738, 2.9760,
3.3255

272.7121,

■ 0.9326, 1.1192,

292.7774, 320.5869

1.2631

325.4181,
348.9592, 381.9830

■ 0.0000, 0.0000,
0.0313

■ 0.0000, 0.0000,
0.0000

■ 51.9345, 56.5882,
62.2182

■ 51.9345, 56.5882,
62.2182

■ 46.9681, 54.0706,
60.1290

■ 57.6011, 59.4691,
64.3808

■ 42.6687, 51.8945,
58.1077

■ 63.9899, 62.7197,
66.6144

■ 39.0075, 50.0465,
56.1541

■ 71.1277, 66.3557,
68.9217

■ 35.9519, 48.5099,
54.2664

■ 73.9343, 67.7581,
71.0651

■ 33.4663, 47.2663,
52.4426

■ 74.3273, 67.9153,
73.1347

■ 31.5112, 46.2954,
50.6807

■ 74.7279, 68.0755,
75.2439

■ 30.0421, 45.5742,
48.9784

■ 75.1360, 68.2387,
77.3930

■ 29.0073, 45.0761,
47.3330

■ 75.5517, 68.4050,
79.5821

■ 28.3398, 44.7666,
45.7412

■ 75.9750, 68.5744,
81.8116

Harmonies

Analogous

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



52.0772, 56.5882, 59.4794



51.9345, 56.5882, 62.2182



52.2829, 56.5882, 64.8729

Triad

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



51.9345, 56.5882, 62.2182



54.9112, 56.5882, 66.0615



54.5434, 56.5882, 56.8011

Complementary

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



51.9345, 56.5882, 62.2182



51.3670, 52.1032, 56.0675

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.



55.3164, 56.5882, 58.4679



51.9345, 56.5882, 62.2182



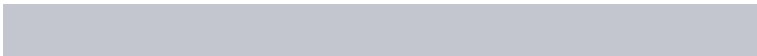
55.5306, 56.5882, 63.8009

Square

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



51.9345, 56.5882, 62.2182



53.9956, 56.5882, 67.1348



55.6797, 56.5882, 61.0156



53.5757, 56.5882, 56.4062

Rectangle

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



51.9345, 56.5882, 62.2182



52.7493, 56.5882, 66.2198



55.6797, 56.5882, 61.0156



54.8349, 56.5882, 57.2287

Sweetspot

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



51.9361, 56.5906, 62.2194



93.0723, 98.9950, 108.1485



51.2424, 56.3752, 55.7586



19.9420, 21.1995, 23.1562



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.



51.9361, 56.5906, 62.2194



87.4371, 96.1334, 105.9241



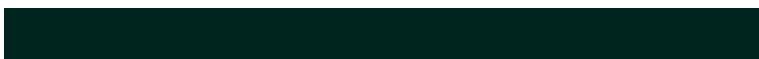
51.1740, 54.6917, 63.1206



10.8738, 12.0384, 13.2855



17.7244, 28.1021, 28.5568



0.8587, 1.3384, 1.4548

Inverse Universe

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



51.3670, 52.1032, 56.0675



86.2288, 86.6058, 92.8628



52.0894, 53.8960, 55.2354



10.6994, 10.6631, 11.4002



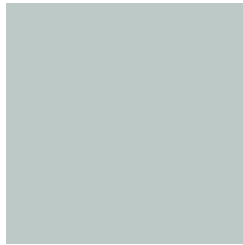
15.3222, 7.8785, 1.6409



0.7473, 0.3817, 0.1922

Previews

White Background



This preview shows how the XYZ color 51.9345, 56.5882, 62.2182 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 51.9345, 56.5882, 62.2182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

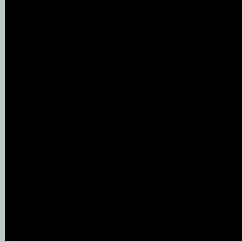
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

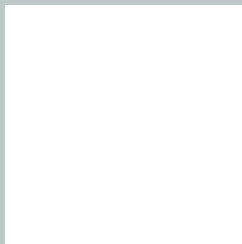
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.9345, 56.5882, 62.2182

Background



This preview shows how black text looks on a background with the XYZ color 51.9345, 56.5882, 62.2182.



This preview shows how white text looks on a background with the XYZ color 51.9345, 56.5882,

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

51.9345, 56.5882, 62.2182

Protanopia

54.4014, 56.5203, 60.8656

Deuteranopia

57.7112, 56.5152, 63.1252



Tritanopia

54.0469, 56.7783, 71.7291

Trichromacy



Original Color

51.9345, 56.5882, 62.2182

Protanomaly

53.4131, 56.3357, 61.4848

Deuteranomaly

55.3940, 56.3222, 62.5953

Tritanomaly

53.3981, 56.8592, 68.4821

Monochromacy



Original Color

51.9345, 56.5882, 62.2182

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.6353, 55.9347, 61.4484

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9345, 56.5882, 62.2182 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(188, 201, 199)` looks like.

```
.text, #text, p{  
    color:rgb(188, 201, 199)  
}
```

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(188, 201, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 201, 199) }
```

Border

The CSS property to change the border of an element to XYZ 51.9345, 56.5882, 62.2182 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(188, 201, 199) }
```


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

```
.border{ border-color:rgb(188, 201, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 201, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 201, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 201, 199);  
box-shadow:4px 4px 4px 4px rgb(188, 201,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9345, 56.5882, 62.2182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 201, 199) }
```

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

```
.background{ background-color: rgb(188,  
201, 199) }
```

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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