

Converting Colors

XYZ(51.2561, 56.7028, 57.1439)

Have a look what the booklet for
XYZ(51.2561, 56.7028, 57.1439)
contains.

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Color

**XYZ(51.1538, 56.6501,
56.9537)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | BCCABE |
| RGB | 188, 202, 190 |
| RGB Percent | 74%, 79%, 75% |
| CMY | 0.2627, 0.2078, 0.2549 |
| CMYK | 0.07, 0.00, 0.06, 0.21 |
| HSL | 129°, 12%, 76% |
| HSV | 129°, 7%, 79% |
| XYZ | 51.1538, 56.6501, 56.9537 |
| YIQ | 196.4460, -4.4920, -6.7000 |

Conversions

Conversions Part 2

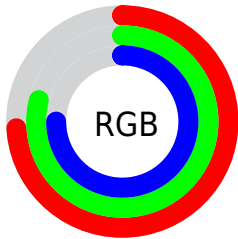
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 188, 200, 202 |
| Decimal | 12372670 |
| CIELab | 79.98, -7.01, 4.34 |
| CIELCh | 80, 8.245, 148.223 |
| Yxy | 56.6501, 0.3105, 0.3438 |
| Android (android.graphics.Color) | 4290562750 (0xFFBCCABE) |
| YUV | 196.4460, -3.1779, -7.4071 |
| Hunter-Lab | 75.2663, -10.4006, 7.8219 |

Details

The XYZ color **51.1538, 56.6501, 56.9537** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.7677, 52.6945, 62.0361**, and the grayscale version is **52.7589, 55.5065, 60.4465**.

A 20% lighter version of the original color is **89.7028, 97.4069, 101.2624**, and **25.0969, 28.1368, 27.7751** is the 20% darker color. If you saturate the color by 10%, you get **44.7402, 53.5512, 47.3548**, and if you desaturate by 10%, it is **58.4920, 60.2029, 67.7720**.

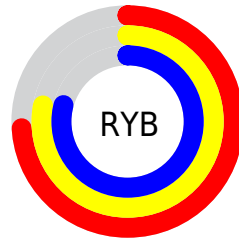
Distribution



Red (74%)

Green (79%)

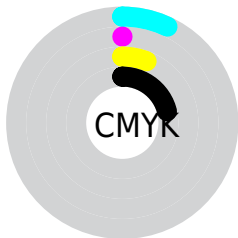
Blue (75%)



Red (74%)

Yellow (78%)

Blue (79%)

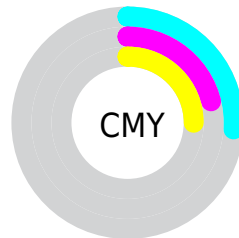


Cyan (7%)

Magenta (0%)

Yellow (6%)

Black (21%)



Cyan (26%)

Magenta (21%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.1538, 56.6501, 56.9537 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 51.1538, 56.6501, 56.9537 by changing the saturation by 10% instead.

■ 51.1538, 56.6501,
56.9537

■ 51.1538, 56.6501,
56.9537

381.5389,
412.1369, 430.7647

■ 36.5526, 40.7244,
40.5590

■ 91.0637, 99.9545,
101.8973

■ 25.0333, 28.1038,
27.6575

117.1031,
128.1019, 131.2832

■ 16.2308, 18.4039,
17.8309

147.6859,
161.0920, 165.8366

■ 9.7795, 11.2404,
10.6604

183.1775,
199.3092, 205.9760

■ 5.3141, 6.2287,
5.7277

223.9433,
243.1379, 252.1200

■ 2.4694, 2.9847,
2.6141

270.3485,

■ 0.8798, 1.1237,

292.9625, 304.6871

0.8997

322.7586,
349.1674, 364.0958

■ 0.0000, 0.0000,
0.0000

■ 51.1538, 56.6501,
56.9537

■ 51.1538, 56.6501,
56.9537

■ 44.7402, 53.5512,
47.3548

■ 58.4920, 60.2029,
67.7720

■ 39.2098, 50.8810,
38.9288

■ 66.7846, 64.2192,
79.8463

■ 34.5253, 48.6226,
31.6318

■ 76.0659, 68.7176,
93.2167

■ 30.6444, 46.7556,
25.4159

■ 80.4116, 70.7232,
104.0205

■ 27.5217, 45.2573,
20.2297

■ 25.1068, 44.1031,
16.0173

■ 23.3434, 43.2652,
12.7180

■ 22.1661, 42.7114,
10.2639

■ 21.4903, 42.3997,
8.5774

Harmonies

Analogous

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



52.3362, 56.6501, 53.9106



51.1538, 56.6501, 56.9537



50.6904, 56.6501, 61.3969

Triad

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



51.1538, 56.6501, 56.9537



53.7445, 56.6501, 71.3634



56.7306, 56.6501, 57.4245

Complementary

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



51.1538, 56.6501, 56.9537



52.7677, 52.6945, 62.0361

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.



57.1262, 56.6501, 61.9686



51.1538, 56.6501, 56.9537



55.3809, 56.6501, 70.1672

Square

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



51.1538, 56.6501, 56.9537



52.1668, 56.6501, 69.8561



56.6274, 56.6501, 66.6657



55.5573, 56.6501, 54.1724

Rectangle

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



51.1538, 56.6501, 56.9537



50.8441, 56.6501, 64.6104



56.6274, 56.6501, 66.6657



56.9600, 56.6501, 58.8440

Sweetspot

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



51.1554, 56.6525, 56.9549



92.5026, 98.7672, 105.1486



54.0550, 58.1724, 55.9570



19.8260, 21.1531, 22.5455



0.0000, 0.0000, 0.0000



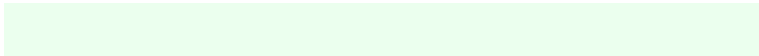
20.3446, 21.4041, 23.3091

Same Dimension

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



51.1554, 56.6525, 56.9549



85.2503, 95.2587, 94.4087



51.9241, 56.9600, 61.0030



11.1322, 12.5626, 12.2538



13.7523, 27.2462, 5.3809



0.7311, 1.4142, 0.3913

Inverse Universe

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



52.7677, 52.6945, 62.0361



88.4182, 87.4816, 104.3923



51.9826, 52.3805, 57.9022



11.6160, 11.3751, 13.7782



20.5615, 10.0352, 26.4732



1.0801, 0.5254, 1.4677

Previews

White Background



This preview shows how the XYZ color 51.1538, 56.6501, 56.9537 looks on a white background.

Color Contrast Check

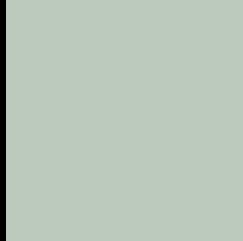
Large Text (above 18pt) WCAG AA × Fail

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 51.1538, 56.6501, 56.9537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

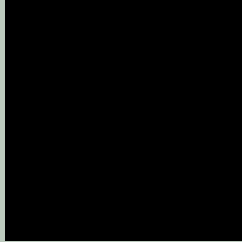
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

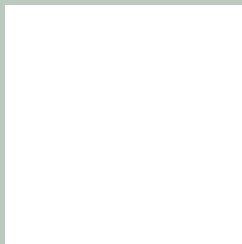
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.1538, 56.6501, 56.9537

Background



This preview shows how black text looks on a background with the XYZ color 51.1538, 56.6501, 56.9537.



This preview shows how white text looks on a background with the XYZ color 51.1538, 56.6501,

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

51.1538, 56.6501, 56.9537

Protanopia

53.8377, 56.3577, 55.0543

Deuteranopia

57.5775, 56.5651, 57.7527



Tritanopia

54.0699, 56.4497, 71.6644

Trichromacy



Original Color

51.1538, 56.6501, 56.9537

Protanomaly

52.7892, 56.4835, 55.6971

Deuteranomaly

55.1563, 56.6513, 57.3180

Tritanomaly

52.9287, 56.3310, 65.8409

Monochromacy



Original Color

51.1538, 56.6501, 56.9537

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.9240, 55.6207, 59.0381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1538, 56.6501, 56.9537 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, 202, 190)` looks like.

```
.text, #text, p{  
    color:rgb(188, 202, 190)  
}
```

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, 202, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 202, 190) }
```

Border

The CSS property to change the border of an element to XYZ 51.1538, 56.6501, 56.9537 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, 202, 190) }
```


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

```
.border{ border-color:rgb(188, 202, 190) }
```

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

Here you see how a box with a 4 pixel rgb(188, 202, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 202, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 202, 190);  
box-shadow:4px 4px 4px 4px rgb(188, 202,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1538, 56.6501, 56.9537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 202, 190) }
```

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

```
.background{ background-color: rgb(188,  
202, 190) }
```

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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