

Converting Colors

XYZ(51.5542, 56.6830, 56.1976)

Have a look what the booklet for
XYZ(51.5542, 56.6830, 56.1976)
contains.

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Color

**XYZ(51.5578, 56.5238,
56.3369)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC9BD
RGB	191, 201, 189
RGB Percent	75%, 79%, 74%
CMY	0.2510, 0.2117, 0.2588
CMYK	0.05, 0.00, 0.06, 0.21
HSL	110°, 10%, 76%
HSV	110°, 6%, 79%
XYZ	51.5578, 56.5238, 56.3369
YIQ	196.6420, -2.1080, -5.8520

Conversions

Conversions Part 2

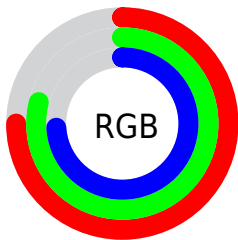
Format	Color
RYB	189, 201, 199
Decimal	12569021
CIELab	79.91, -5.63, 4.80
CIELCh	80, 7.402, 139.551
Yxy	56.5238, 0.3136, 0.3438
Android (android.graphics.Color)	4290759101 (0xFFBFC9BD)
YUV	196.6420, -3.7675, -4.9480
Hunter-Lab	75.1823, -9.1590, 8.1994

Details

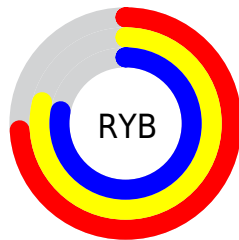
The XYZ color **51.5578, 56.5238, 56.3369** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.2956, 52.7559, 62.6879**, and the grayscale version is **52.8793, 55.6332, 60.5845**.

A 20% lighter version of the original color is **90.5992, 97.8867, 100.5051**, and **25.3589, 28.0483, 27.3699** is the 20% darker color. If you saturate the color by 10%, you get **45.5510, 53.6637, 45.4447**, and if you desaturate by 10%, it is **58.3521, 59.7582, 68.8468**.

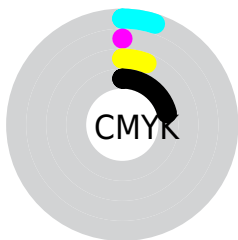
Distribution



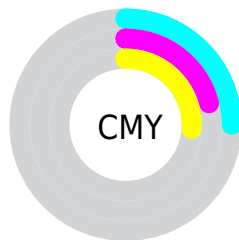
- Red (75%)
- Green (79%)
- Blue (74%)



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



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (21%)



- Cyan (25%)
- Magenta (21%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5578, 56.5238, 56.3369 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 51.5578, 56.5238, 56.3369 by changing the saturation by 10% instead.

■ 51.5578, 56.5238,
56.3369

■ 51.5578, 56.5238,
56.3369

383.0791,
411.6625, 428.3838

■ 36.8756, 40.6230,
40.0673

■ 91.6569, 99.7700,
100.9877

■ 25.2844, 28.0247,
27.2768

117.8044,
127.8843, 130.2060

■ 16.4189, 18.3442,
17.5470

148.5044,
160.8385, 164.5775

■ 9.9138, 11.1974,
10.4592

184.1223,
199.0170, 204.5209

■ 5.4037, 6.1998,
5.5949

225.0233,
242.8043, 250.4547

■ 2.5232, 2.9669,
2.5356

271.5729,

■ 0.9070, 1.1145,

292.5847, 302.7975

0.8589

324.1364,
348.7426, 361.9677

■ 0.0000, 0.0000,
0.0000

■ 51.5578, 56.5238,
56.3369

■ 51.5578, 56.5238,
56.3369

■ 45.5510, 53.6637,
45.4447

■ 58.3521, 59.7582,
68.8468

■ 40.2985, 51.1573,
36.1007

■ 65.9561, 63.3721,
83.0328

■ 35.7716, 48.9930,
28.2357

■ 74.3973, 67.3800,
98.9549

■ 31.9378, 47.1556,
21.7739

■ 80.1778, 70.2555,
103.9426

■ 28.7625, 45.6292,
16.6327

■ 26.2076, 44.3961,
12.7209

■ 24.2313, 43.4369,
9.9357

■ 22.7863, 42.7298,
8.1578

■ 21.8163, 42.2491,
7.2376

Harmonies

Analogous

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



52.7642, 56.5238, 54.0802



51.5578, 56.5238, 56.3369



50.9358, 56.5238, 60.0580

Triad

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



51.5578, 56.5238, 56.3369



53.2025, 56.5238, 70.0359



56.4899, 56.5238, 58.8201

Complementary

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



51.5578, 56.5238, 56.3369



52.2956, 52.7559, 62.6879

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.



56.6125, 56.5238, 63.0559



51.5578, 56.5238, 56.3369



54.6958, 56.5238, 69.6665

Square

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



51.5578, 56.5238, 56.3369



51.8735, 56.5238, 68.0512



55.9504, 56.5238, 67.0642



55.6183, 56.5238, 55.4670

Rectangle

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



51.5578, 56.5238, 56.3369



50.9282, 56.5238, 62.9265



55.9504, 56.5238, 67.0642



56.6207, 56.5238, 60.1835

Sweetspot

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



51.5594, 56.5262, 56.3381



92.6932, 98.8786, 104.5603



53.6986, 56.9412, 56.3055



19.8649, 21.1759, 22.4257



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.



51.5594, 56.5262, 56.3381



87.0452, 96.1901, 94.2145



51.5003, 56.4449, 58.6342



10.9102, 12.0908, 11.7684



13.5897, 26.5010, 4.3990



0.6963, 1.2820, 0.2108

Inverse Universe

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



52.2956, 52.7559, 62.6879



88.5321, 88.5756, 107.0384



52.3651, 52.8454, 60.2658



11.1076, 11.0800, 13.4707



16.7841, 7.8868, 35.3820



0.8421, 0.3979, 1.6776

Previews

White Background



This preview shows how the XYZ color 51.5578, 56.5238, 56.3369 looks on a white background.

Color Contrast Check

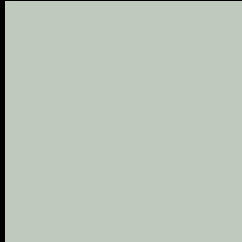
Large Text (above 18pt) WCAG AA × Fail

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 51.5578, 56.5238, 56.3369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

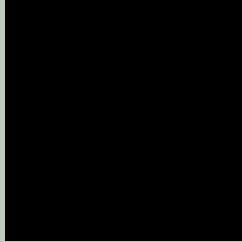
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

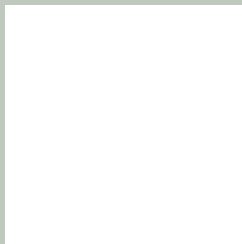
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.5578, 56.5238, 56.3369

Background



This preview shows how black text looks on a background with the XYZ color 51.5578, 56.5238, 56.3369.



This preview shows how white text looks on a background with the XYZ color 51.5578, 56.5238,

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

51.5578, 56.5238, 56.3369

Protanopia

53.8377, 56.3577, 55.0543

Deuteranopia

57.5500, 56.2388, 57.1122



Tritanopia

54.4822, 56.3387, 70.9537

Trichromacy



Original Color

51.5578, 56.5238, 56.3369

Protanomaly

52.8244, 56.1611, 55.6330

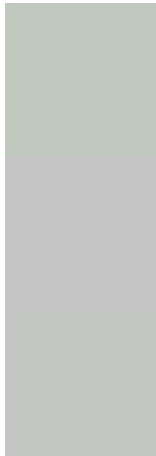
Deuteranomaly

55.1039, 56.3032, 56.6785

Tritanomaly

53.3413, 56.2171, 65.1663

Monochromacy



Original Color

51.5578, 56.5238, 56.3369

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.4374, 55.8853, 59.0621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5578, 56.5238, 56.3369 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(191, 201, 189)` looks like.

```
.text, #text, p{  
    color:rgb(191, 201, 189)  
}
```

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(191, 201, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 201, 189) }
```

Border

The CSS property to change the border of an element to XYZ 51.5578, 56.5238, 56.3369 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(191, 201, 189) }
```


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

```
.border{ border-color:rgb(191, 201, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 201, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 201, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 201, 189);  
box-shadow:4px 4px 4px 4px rgb(191, 201,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5578, 56.5238, 56.3369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 201, 189) }
```

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

```
.background{ background-color: rgb(191,  
201, 189) }
```

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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