

Converting Colors

XYZ(51.9662, 53.0741, 56.5692)

Have a look what the booklet for
XYZ(51.9662, 53.0741, 56.5692)
contains.

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Color

**XYZ(51.9048, 53.0060,
56.7857)**

Conversions

Conversions Part 1

Format	Color
Hex	C9BEBF
RGB	201, 190, 191
RGB Percent	79%, 75%, 75%
CMY	0.2118, 0.2549, 0.2510
CMYK	0.00, 0.05, 0.05, 0.21
HSL	355°, 9%, 77%
HSV	355°, 5%, 79%
XYZ	51.9048, 53.0060, 56.7857
YIQ	193.4030, 6.2350, 2.6430

Conversions

Conversions Part 2

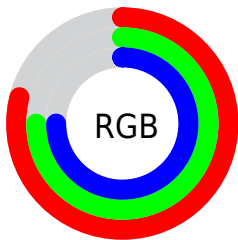
Format	Color
R_{YB}	201, 190, 191
Decimal	13221567
CIE Lab	77.88, 4.04, 0.87
CIE LCh	78, 4.133, 12.193
Yxy	53.0060, 0.3210, 0.3278
Android (android.graphics.Color)	4291411647 (0xFFC9BEBF)
YUV	193.4030, -1.1847, 6.6626
Hunter-Lab	72.8052, -0.1517, 4.7194

Details

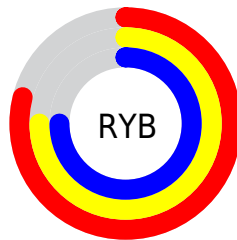
The XYZ color **51.9048, 53.0060, 56.7857** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.5492, 56.8919, 62.8580**, and the grayscale version is **50.9311, 53.5835, 58.3524**.

A 20% lighter version of the original color is **90.9843, 93.8869, 101.3223**, and **25.5657, 25.9293, 27.7022** is the 20% darker color. If you saturate the color by 10%, you get **45.9606, 44.1378, 45.4917**, and if you desaturate by 10%, it is **58.7035, 63.1800, 69.6044**.

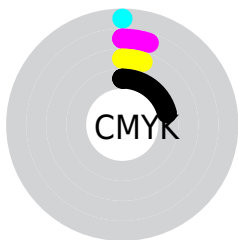
Distribution



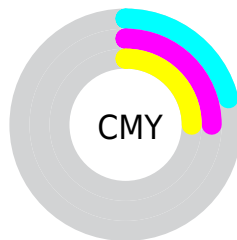
- Red (79%)
- Green (75%)
- Blue (75%)



- Red (79%)
- Yellow (75%)
- Blue (75%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.9048, 53.0060, 56.7857 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 51.9048, 53.0060, 56.7857 by changing the saturation by 10% instead.

■ 51.9048, 53.0060,
56.7857

■ 51.9048, 53.0060,
56.7857

384.3990,
398.3081, 430.1170

■ 37.1532, 37.8076,
40.4250

■ 92.1659, 94.6132,
101.6497

■ 25.5003, 25.8334,
27.5538

118.4060,
121.7907, 130.9900

■ 16.5809, 16.6990,
17.7534

149.2064,
153.7301, 165.4940

■ 10.0296, 10.0201,
10.6055

184.9324,
190.8157, 205.5801

■ 5.4810, 5.4123,
5.6914

225.9492,
233.4319, 251.6669

■ 2.5698, 2.4912,
2.5926

272.6224,

■ 0.9306, 0.8722,

281.9631, 304.1730

0.8886

325.3172,
336.7937, 363.5168

■ 0.0000, 0.0000,
0.0000

■ 51.9048, 53.0060,
56.7857

■ 51.9048, 53.0060,
56.7857

■ 45.9606, 44.1378,
45.4917

■ 58.7035, 63.1800,
69.6044

■ 40.8327, 36.5160,
35.6623

■ 66.3840, 74.7024,
83.9981

■ 36.4868, 30.0867,
27.2385

■ 74.9778, 87.6225,
100.0189

■ 32.8843, 24.7897,
20.1560

■ 77.8977, 91.1577,
108.0973

■ 29.9835, 20.5592,
14.3454

■ 27.7383, 17.3228,
9.7312

■ 26.0974, 14.9993,
6.2297

■ 25.0013, 13.4941,
3.7466

■ 24.3785, 12.6921,
2.1714

Harmonies

Analogous

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



51.8649, 53.0060, 59.0773



51.9048, 53.0060, 56.7857



51.5331, 53.0060, 54.7955

Triad

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



51.9048, 53.0060, 56.7857



49.3508, 53.0060, 54.5002



49.9099, 53.0060, 62.0275

Complementary

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



51.9048, 53.0060, 56.7857



52.5492, 56.8919, 62.8580

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.



49.2454, 53.0060, 60.7354



51.9048, 53.0060, 56.7857



48.9249, 53.0060, 56.3729

Square

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



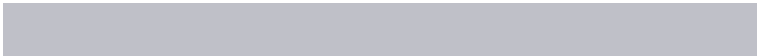
51.9048, 53.0060, 56.7857



50.0552, 53.0060, 53.4996



48.8866, 53.0060, 58.6534



50.7074, 53.0060, 62.1452

Rectangle

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



51.9048, 53.0060, 56.7857



51.1043, 53.0060, 53.8912



48.8866, 53.0060, 58.6534



49.6638, 53.0060, 61.7145

Sweetspot

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



51.9063, 53.0083, 56.7868



92.7067, 96.4940, 104.4795



52.7503, 53.3119, 62.7690



19.8676, 20.6904, 22.4093



0.0000, 0.0000, 0.0000



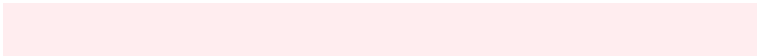
20.3446, 21.4041, 23.3091

Same Dimension

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



51.9063, 53.0083, 56.7868



87.1133, 88.1335, 93.9015



52.7641, 54.8989, 56.5336



10.9195, 11.0215, 11.7264



15.2300, 7.8416, 1.1550



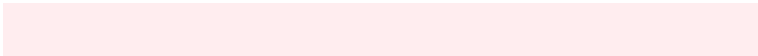
0.7349, 0.3768, 0.1269

Inverse Universe

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



51.9063, 53.0083, 56.7868



87.1133, 88.1335, 93.9015



51.6553, 54.9171, 63.1365



10.9195, 11.0215, 11.7264



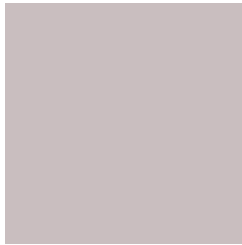
15.2300, 7.8416, 1.1550



0.7349, 0.3768, 0.1269

Previews

White Background



This preview shows how the XYZ color 51.9048, 53.0060, 56.7857 looks on a white background.

Color Contrast Check

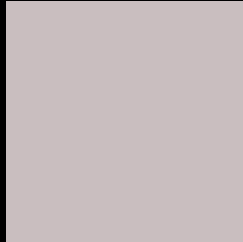
Large Text (above 18pt) WCAG AA × Fail

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 51.9048, 53.0060, 56.7857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

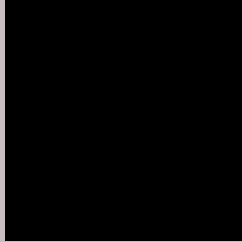
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.9048, 53.0060, 56.7857

Background



This preview shows how black text looks on a background with the XYZ color 51.9048, 53.0060, 56.7857.

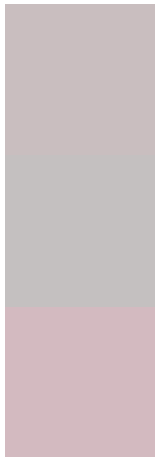


This preview shows how white text looks on a background with the XYZ color 51.9048, 53.0060,

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

51.9048, 53.0060, 56.7857

Protanopia

51.1290, 53.2408, 57.4509

Deuteranopia

53.9373, 52.7725, 57.2125



Tritanopia

53.3913, 52.9747, 63.9110

Trichromacy



Original Color

51.9048, 53.0060, 56.7857

Protanomaly

51.4339, 53.0731, 57.4025

Deuteranomaly

53.0169, 52.6118, 57.2300

Tritanomaly

52.8635, 53.0753, 61.4912

Monochromacy



Original Color

51.9048, 53.0060, 56.7857

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.1290, 53.2408, 57.4509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9048, 53.0060, 56.7857 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(201, 190, 191)` looks like.

```
.text, #text, p{  
    color:rgb(201, 190, 191)  
}
```

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(201, 190, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 190, 191) }
```

Border

The CSS property to change the border of an element to XYZ 51.9048, 53.0060, 56.7857 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(201, 190, 191) }
```


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

```
.border{ border-color:rgb(201, 190, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 190, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 190, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 190, 191);  
box-shadow:4px 4px 4px 4px rgb(201, 190,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9048, 53.0060, 56.7857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 190, 191) }
```

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

```
.background{ background-color: rgb(201,  
190, 191) }
```

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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