

Converting Colors

XYZ(53.8361, 56.4443, 58.4807)

Have a look what the booklet for
XYZ(53.8361, 56.4443, 58.4807)
contains.

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Color

**XYZ(53.6793, 56.2003,
58.4706)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C5C1
RGB	201, 197, 193
RGB Percent	79%, 77%, 76%
CMY	0.2118, 0.2274, 0.2431
CMYK	0.00, 0.02, 0.04, 0.21
HSL	30°, 7%, 77%
HSV	30°, 4%, 79%
XYZ	53.6793, 56.2003, 58.4706
YIQ	197.7400, 3.6680, -0.3960

Conversions

Conversions Part 2

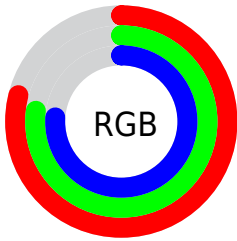
Format	Color
R_{YB}	201, 201, 193
Decimal	13223361
CIE Lab	79.73, 0.68, 2.48
CIE LCh	80, 2.575, 74.799
Yxy	56.2003, 0.3189, 0.3338
Android (android.graphics.Color)	4291413441 (0xFFC9C5C1)
YUV	197.7400, -2.3368, 2.8590
Hunter-Lab	74.9669, -3.3788, 6.2334

Details

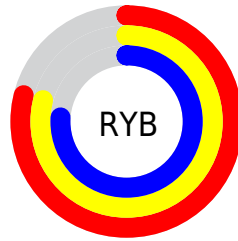
The XYZ color **53.6793, 56.2003, 58.4706** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.5011, 55.4862, 63.2018**, and the grayscale version is **53.5322, 56.3200, 61.3325**.

A 20% lighter version of the original color is **93.7807, 98.9832, 103.7854**, and **26.5887, 27.7414, 28.7642** is the 20% darker color. If you saturate the color by 10%, you get **49.3837, 50.9564, 46.7179**, and if you desaturate by 10%, it is **58.4348, 61.8748, 71.8815**.

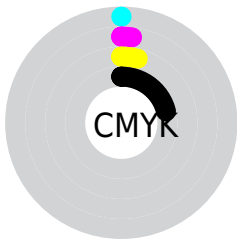
Distribution



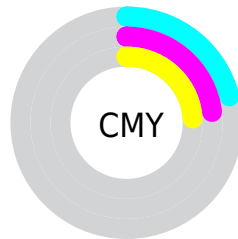
- Red (79%)
- Green (77%)
- Blue (76%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (21%)



- Cyan (21%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6793, 56.2003, 58.4706 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 53.6793, 56.2003, 58.4706 by changing the saturation by 10% instead.

■ 53.6793, 56.2003,
58.4706

■ 53.6793, 56.2003,
58.4706

391.1042,
410.4459, 436.5843

■ 38.5750, 40.3635,
41.7699

■ 94.7629, 99.2974,
104.1294

■ 26.6085, 27.8221,
28.5969

121.4728,
127.3265, 133.9245

■ 17.4145, 18.1916,
18.5332

152.7820,
160.1885, 168.9216

■ 10.6276, 11.0876,
11.1601

189.0558,
198.2678, 209.5391

■ 5.8824, 6.1258,
6.0591

230.6596,
241.9488, 256.1956

■ 2.8137, 2.9217,
2.8117

277.9587,

■ 1.0560, 1.0910,

291.6159, 309.3096

0.9993

331.3184,
347.6535, 369.2997

■ 0.0000, 0.0000,
0.0000

■ 53.6793, 56.2003,
58.4706

■ 53.6793, 56.2003,
58.4706

■ 49.3837, 50.9564,
46.7179

■ 58.4348, 61.8748,
71.8815

■ 45.5280, 46.1250,
36.5544

■ 63.6597, 67.9828,
87.0087

■ 42.0979, 41.6972,
27.9117

■ 69.3694, 74.5367,
103.9116

■ 39.0761, 37.6613,
20.7151

■ 72.4706, 80.3035,
106.2883

■ 36.4442, 34.0047,
14.8831

■ 75.4625, 86.2872,
107.2855

■ 34.1821, 30.7139,
10.3264

■ 77.8977, 91.1577,
108.0973

■ 32.2675, 27.7746,
6.9448

■ 30.6750, 25.1708,
4.6225

■ 29.3747, 22.8844,
3.2200

Harmonies

Analogous

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



54.1293, 56.2003, 59.1969



53.6793, 56.2003, 58.4706



53.1617, 56.2003, 58.4656

Triad

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



53.6793, 56.2003, 58.4706



52.4558, 56.2003, 61.9269



54.1243, 56.2003, 63.2471

Complementary

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



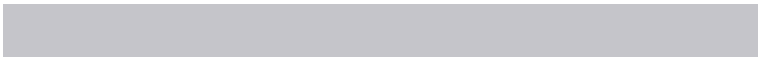
53.6793, 56.2003, 58.4706



52.5011, 55.4862, 63.2018

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.



53.6725, 56.2003, 64.0031



53.6793, 56.2003, 58.4706



52.7103, 56.2003, 63.2326

Square

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



53.6793, 56.2003, 58.4706



52.4576, 56.2003, 60.4448



53.1550, 56.2003, 63.9977



54.3874, 56.2003, 61.9465

Rectangle

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



53.6793, 56.2003, 58.4706



52.8481, 56.2003, 58.8711



53.1550, 56.2003, 63.9977



53.9894, 56.2003, 63.5743

Sweetspot

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



53.6809, 56.2027, 58.4718



94.2371, 99.0268, 106.6170



53.2362, 54.5895, 60.5551



20.1792, 21.2061, 22.8445



0.0000, 0.0000, 0.0000



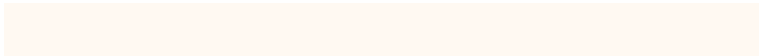
20.3446, 21.4041, 23.3091

Same Dimension

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



53.6809, 56.2027, 58.4718



91.0663, 95.2092, 97.7789



54.6004, 58.0418, 58.7783



11.4180, 11.9286, 12.1691



18.1381, 13.7933, 1.7064



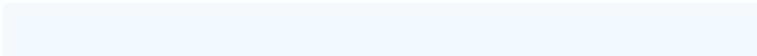
0.9313, 0.7980, 0.1049

Inverse Universe

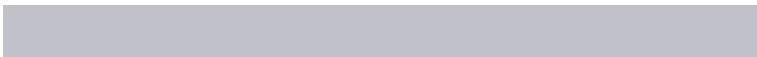
The Inverse Universe completely reimagines the original color for something new.



52.5011, 55.4862, 63.2018



88.5119, 93.6577, 108.0204



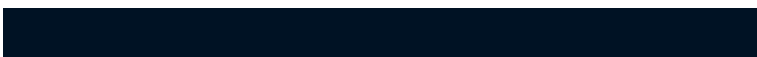
51.6057, 53.6953, 62.9034



11.0623, 11.7125, 13.5952



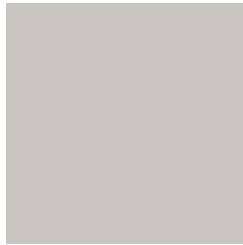
9.6104, 8.6147, 35.9006



0.5275, 0.5528, 1.7240

Previews

White Background



This preview shows how the XYZ color 53.6793, 56.2003, 58.4706 looks on a white background.

Color Contrast Check

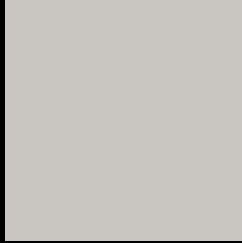
Large Text (above 18pt) WCAG AA × Fail

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 53.6793, 56.2003, 58.4706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

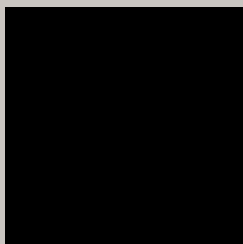
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

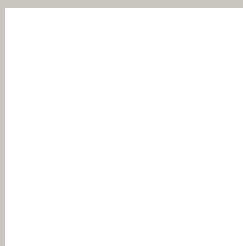
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.6793, 56.2003, 58.4706

Background



This preview shows how black text looks on a background with the XYZ color 53.6793, 56.2003, 58.4706.

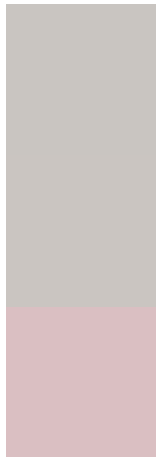


This preview shows how white text looks on a background with the XYZ color 53.6793, 56.2003,

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

53.6793, 56.2003, 58.4706

Protanopia

53.9490, 56.3393, 58.4832

Deuteranopia

57.2818, 56.0621, 58.8409



Tritanopia

55.5532, 55.9332, 68.8410

Trichromacy



Original Color

53.6793, 56.2003, 58.4706

Protanomaly

53.9490, 56.3393, 58.4832

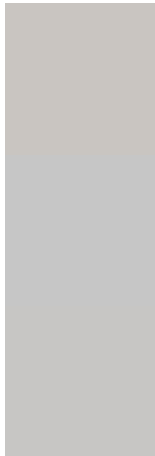
Deuteranomaly

55.9589, 56.0320, 58.9048

Tritanomaly

54.7713, 55.9464, 65.0387

Monochromacy



Original Color

53.6793, 56.2003, 58.4706

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.7111, 56.5158, 60.3023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6793, 56.2003, 58.4706 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, 197, 193) looks like.

```
.text, #text, p{  
    color:rgb(201, 197, 193)  
}
```

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, 197, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 197, 193) }
```

Border

The CSS property to change the border of an element to XYZ 53.6793, 56.2003, 58.4706 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, 197, 193) }
```


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

```
.border{ border-color:rgb(201, 197, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 197, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 197, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 197, 193);  
box-shadow:4px 4px 4px 4px rgb(201, 197,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6793, 56.2003, 58.4706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 197, 193) }
```

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

```
.background{ background-color: rgb(201,  
197, 193) }
```

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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