

Converting Colors

XYZ(51.5580, 55.4449, 58.4366)

Have a look what the booklet for
XYZ(51.5580, 55.4449, 58.4366)
contains.

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Color

**XYZ(51.5580, 55.4449,
58.4366)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C6C1
RGB	192, 198, 193
RGB Percent	75%, 78%, 76%
CMY	0.2471, 0.2235, 0.2431
CMYK	0.03, 0.00, 0.03, 0.22
HSL	130°, 5%, 76%
HSV	130°, 3%, 78%
XYZ	51.5580, 55.4449, 58.4366
YIQ	195.6360, -1.9710, -2.8270

Conversions

Conversions Part 2

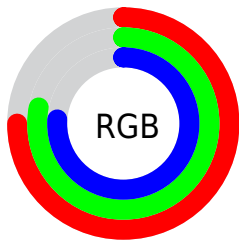
Format	Color
RYB	192, 197, 198
Decimal	12633793
CIELab	79.30, -2.99, 1.77
CIELCh	79, 3.472, 149.293
Yxy	55.4449, 0.3116, 0.3351
Android (android.graphics.Color)	4290823873 (0xFFC0C6C1)
YUV	195.6360, -1.2995, -3.1888
Hunter-Lab	74.4613, -6.7116, 5.5927

Details

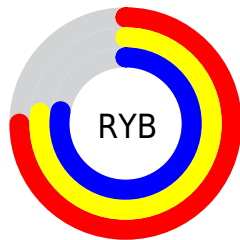
The XYZ color **51.5580, 55.4449, 58.4366** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.2185, 53.7378, 60.4464**, and the grayscale version is **52.2611, 54.9827, 59.8762**.

A 20% lighter version of the original color is **91.5703, 98.3160, 103.7731**, and **25.3543, 27.3289, 28.7496** is the 20% darker color. If you saturate the color by 10%, you get **45.1385, 52.3381, 49.0568**, and if you desaturate by 10%, it is **58.8606, 58.9864, 68.9325**.

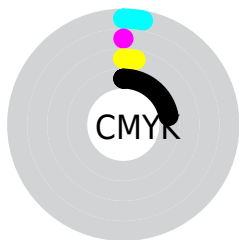
Distribution



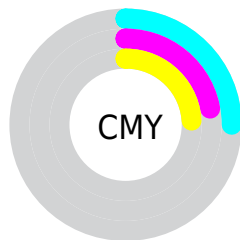
- Red (75%)
- Green (78%)
- Blue (76%)



- Red (75%)
- Yellow (77%)
- Blue (78%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)



- Cyan (25%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5580, 55.4449, 58.4366 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 51.5580, 55.4449, 58.4366 by changing the saturation by 10% instead.

■ 51.5580, 55.4449,
58.4366

■ 51.5580, 55.4449,
58.4366

383.0799,
407.5962, 436.4544

■ 36.8757, 39.7580,
41.7427

■ 91.6571, 98.1925,
104.0794

■ 25.2845, 27.3499,
28.5758

117.8047,
126.0220, 133.8655

■ 16.4190, 17.8362,
18.5174

148.5048,
158.6679, 168.8526

■ 9.9139, 10.8325,
11.1488

184.1227,
196.5145, 209.4595

■ 5.4037, 5.9543,
6.0516

225.0238,
239.9462, 256.1045

■ 2.5232, 2.8173,
2.8072

271.5735,

■ 0.9070, 1.0371,

289.3475, 309.2064

0.9970

324.1371,
345.1027, 369.1835

■ 0.0000, 0.0000,
0.0000

■ 51.5580, 55.4449,
58.4366

■ 51.5580, 55.4449,
58.4366

■ 45.1385, 52.3381,
49.0568

■ 58.8606, 58.9864,
68.9325

■ 39.5640, 49.6423,
40.7527

■ 67.0733, 62.9710,
80.5757

■ 34.8004, 47.3425,
33.4870

■ 76.2277, 67.4159,
93.4008

■ 30.8096, 45.4198,
27.2187

■ 79.4851, 68.8703,
103.7117

■ 27.5504, 43.8539,
21.9043

■ 24.9776, 42.6224,
17.4969

■ 23.0411, 41.7007,
13.9456

■ 21.6834, 41.0603,
11.1948

■ 20.8368, 40.6675,
9.1817

Harmonies

Analogous

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



52.0475, 55.4449, 57.0932



51.5580, 55.4449, 58.4366



51.3737, 55.4449, 60.3228

Triad

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



51.5580, 55.4449, 58.4366



52.6822, 55.4449, 64.2787



53.8729, 55.4449, 58.5167

Complementary

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



51.5580, 55.4449, 58.4366



52.2185, 53.7378, 60.4464

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.



54.0464, 55.4449, 60.4173



51.5580, 55.4449, 58.4366



53.3553, 55.4449, 63.7700

Square

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



51.5580, 55.4449, 58.4366



52.0192, 55.4449, 63.7210



53.8561, 55.4449, 62.3457



53.3841, 55.4449, 57.1387

Rectangle

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



51.5580, 55.4449, 58.4366



51.4474, 55.4449, 61.6435



53.8561, 55.4449, 62.3457



53.9702, 55.4449, 59.1143

Sweetspot

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



51.5596, 55.4473, 58.4378



93.7777, 99.3834, 107.0642



52.7630, 56.0805, 57.9138



20.0857, 21.2786, 22.9355



0.0000, 0.0000, 0.0000



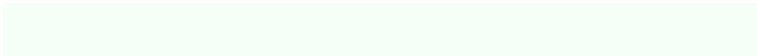
20.3446, 21.4041, 23.3091

Same Dimension

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



51.5596, 55.4473, 58.4378



90.0577, 97.5810, 101.6793



51.8866, 55.5781, 60.1599



11.2493, 12.2460, 12.6703



13.3327, 26.3454, 5.4305



0.6544, 1.2567, 0.3788

Inverse Universe

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



52.2185, 53.7378, 60.4464



91.6096, 93.5549, 106.4098



51.8890, 53.6060, 58.7115



11.4743, 11.6623, 13.3561



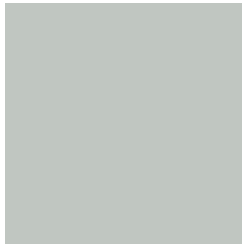
19.5905, 9.5857, 24.1170



0.9483, 0.4622, 1.2511

Previews

White Background



This preview shows how the XYZ color 51.5580, 55.4449, 58.4366 looks on a white background.

Color Contrast Check

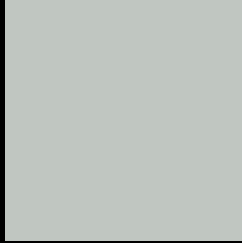
Large Text (above 18pt) WCAG AA × Fail

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 51.5580, 55.4449, 58.4366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

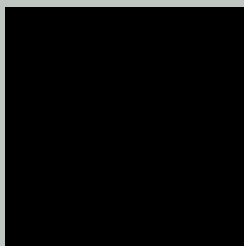
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

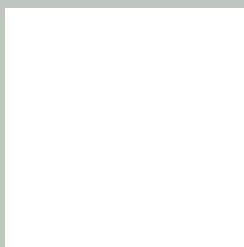
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.5580, 55.4449, 58.4366

Background



This preview shows how black text looks on a background with the XYZ color 51.5580, 55.4449, 58.4366.



This preview shows how white text looks on a background with the XYZ color 51.5580, 55.4449,

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

51.5580, 55.4449, 58.4366

Protanopia

53.1169, 55.2535, 57.7346

Deuteranopia

56.5827, 55.3660, 59.3342



Tritanopia

53.7787, 55.3355, 69.4744

Trichromacy



Original Color

51.5580, 55.4449, 58.4366

Protanomaly

52.5431, 55.2914, 57.7722

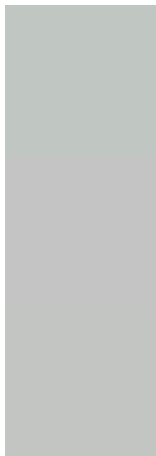
Deuteranomaly

54.5397, 55.3004, 58.8384

Tritanomaly

52.8871, 55.3088, 65.0150

Monochromacy



Original Color

51.5580, 55.4449, 58.4366

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.3223, 55.4747, 59.5798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5580, 55.4449, 58.4366 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(192, 198, 193)` looks like.

```
.text, #text, p{  
    color:rgb(192, 198, 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(192, 198, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 198, 193) }
```

Border

The CSS property to change the border of an element to XYZ 51.5580, 55.4449, 58.4366 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(192, 198, 193) }
```


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

```
.border{ border-color:rgb(192, 198, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 198, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 198, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 198, 193);  
box-shadow:4px 4px 4px 4px rgb(192, 198,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5580, 55.4449, 58.4366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 198, 193) }
```

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

```
.background{ background-color: rgb(192,  
198, 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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