

Converting Colors

XYZ(53.6035, 55.6209, 57.5049)

Have a look what the booklet for
XYZ(53.6035, 55.6209, 57.5049)
contains.

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Color

**XYZ(53.6581, 55.5325,
57.7599)**

Conversions

Conversions Part 1

Format	Color
Hex	CBC3C0
RGB	203, 195, 192
RGB Percent	80%, 76%, 75%
CMY	0.2039, 0.2353, 0.2471
CMYK	0.00, 0.04, 0.05, 0.20
HSL	16°, 10%, 77%
HSV	16°, 5%, 80%
XYZ	53.6581, 55.5325, 57.7599
YIQ	197.0500, 5.7310, 0.7630

Conversions

Conversions Part 2

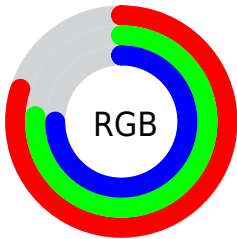
Format	Color
RYB	203, 196, 192
Decimal	13353920
CIELab	79.35, 2.26, 2.49
CIELCh	79, 3.363, 47.747
Yxy	55.5325, 0.3214, 0.3326
Android (android.graphics.Color)	4291544000 (0xFFCBC3C0)
YUV	197.0500, -2.4896, 5.2182
Hunter-Lab	74.5201, -1.8816, 6.2089

Details

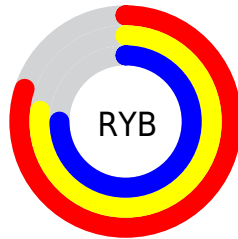
The XYZ color **53.6581, 55.5325, 57.7599** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.1718, 56.8258, 64.6665**, and the grayscale version is **53.1145, 55.8806, 60.8540**.

A 20% lighter version of the original color is **92.9937, 97.6581, 102.7555**, and **26.5795, 27.3034, 28.2953** is the 20% darker color. If you saturate the color by 10%, you get **48.4180, 48.4065, 45.6710**, and if you desaturate by 10%, it is **59.5384, 63.4410, 71.5942**.

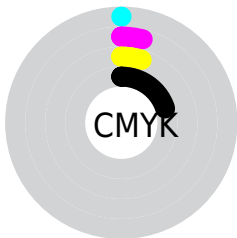
Distribution



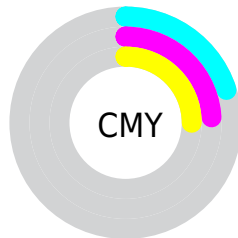
- Red (80%)
- Green (76%)
- Blue (75%)



- Red (80%)
- Yellow (77%)
- Blue (75%)



- Cyan (0%)
- Magenta (4%)
- Yellow (5%)
- Black (20%)



- Cyan (20%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6581, 55.5325, 57.7599 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 53.6581, 55.5325, 57.7599 by changing the saturation by 10% instead.

■ 53.6581, 55.5325,
57.7599

■ 53.6581, 55.5325,
57.7599

391.0246,
407.9273, 433.8639

■ 38.5580, 39.8282,
41.2022

■ 94.7319, 98.3207,
103.0845

■ 26.5952, 27.4046,
28.1562

121.4363,
126.1734, 132.6884

■ 17.4045, 17.8773,
18.2034

152.7394,
158.8444, 167.4782

■ 10.6204, 10.8620,
10.9252

189.0067,
196.7181, 207.8724

■ 5.8776, 5.9741,
5.9030

230.6036,
240.1788, 254.2896

■ 2.8107, 2.8293,
2.7184

277.8952,

■ 1.0545, 1.0433,

289.6110, 307.1482

0.9526

331.2471,
345.3990, 366.8668

■ 0.0000, 0.0000,
0.0000

■ 53.6581, 55.5325,
57.7599

■ 53.6581, 55.5325,
57.7599

■ 48.4180, 48.4065,
45.6710

■ 59.5384, 63.4410,
71.5942

■ 43.7914, 42.0319,
35.2542

■ 66.0752, 72.1476,
87.2360

■ 39.7564, 36.3860,
26.4365

■ 73.2900, 81.6766,
104.7487

■ 36.2882, 31.4420,
19.1379

■ 78.1309, 90.8207,
108.0199

■ 33.3600, 27.1719,
13.2715

■ 78.4389, 91.4366,
108.1226

■ 30.9427, 23.5454,
8.7415

■ 29.0043, 20.5298,
5.4403

■ 27.5086, 18.0892,
3.2434

■ 26.4130, 16.1834,
1.9987

Harmonies

Analogous

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



54.0258, 55.5325, 59.3413



53.6581, 55.5325, 57.7599



53.0575, 55.5325, 56.9109

Triad

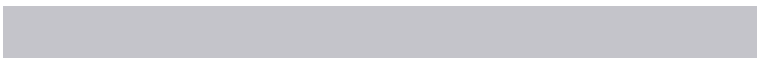
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.6581, 55.5325, 57.7599



51.5258, 55.5325, 59.6813



53.1780, 55.5325, 64.0693

Complementary

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



53.6581, 55.5325, 57.7599



53.1718, 56.8258, 64.6665

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.



52.5074, 55.5325, 64.1651



53.6581, 55.5325, 57.7599



51.5574, 55.5325, 61.6037

Square

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



53.6581, 55.5325, 57.7599



51.8286, 55.5325, 58.0042



51.9154, 55.5325, 63.2542



53.7469, 55.5325, 62.9953

Rectangle

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



53.6581, 55.5325, 57.7599



52.6075, 55.5325, 56.8622



51.9154, 55.5325, 63.2542



52.9568, 55.5325, 64.2178

Sweetspot

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



53.6597, 55.5349, 57.7611



93.0683, 97.3332, 104.2422



53.9120, 54.5698, 62.3766



19.9412, 20.8613, 22.3609



0.0000, 0.0000, 0.0000



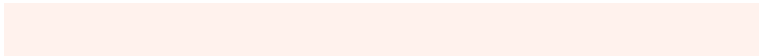
20.3446, 21.4041, 23.3091

Same Dimension

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



53.6597, 55.5349, 57.7611



88.3073, 90.9019, 93.1272



54.8985, 58.0125, 58.1740



11.6818, 12.0083, 12.2542



16.6219, 9.9767, 1.0496



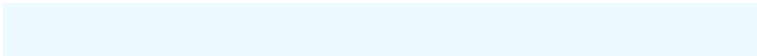
0.9220, 0.6436, 0.0756

Inverse Universe

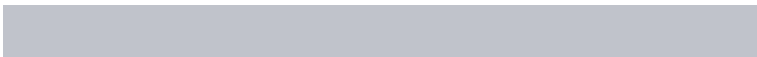
The Inverse Universe completely reimagines the original color for something new.



53.1718, 56.8258, 64.6665



87.2499, 93.6997, 108.0950



51.9366, 54.3553, 64.2548



11.5333, 12.4012, 14.3562



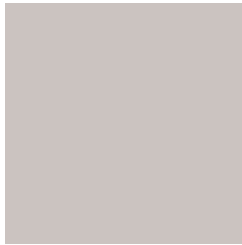
13.6355, 16.2949, 38.3828



0.7645, 0.9629, 2.0005

Previews

White Background



This preview shows how the XYZ color 53.6581, 55.5325, 57.7599 looks on a white background.

Color Contrast Check

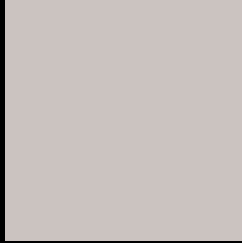
Large Text (above 18pt) WCAG AA × Fail

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 53.6581, 55.5325, 57.7599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

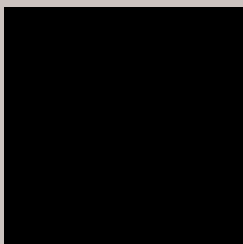
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

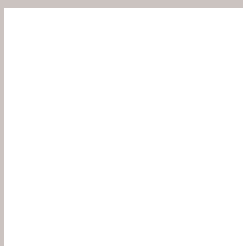
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.6581, 55.5325, 57.7599

Background



This preview shows how black text looks on a background with the XYZ color 53.6581, 55.5325, 57.7599.

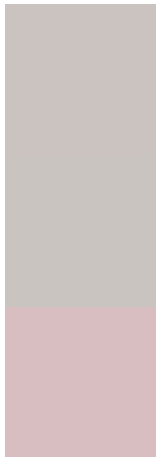


This preview shows how white text looks on a background with the XYZ color 53.6581, 55.5325,

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

53.6581, 55.5325, 57.7599

Protanopia

53.3417, 55.7031, 57.8095

Deuteranopia

56.6544, 55.4289, 58.1649



Tritanopia

55.6320, 55.6731, 67.4884

Trichromacy



Original Color

53.6581, 55.5325, 57.7599

Protanomaly

53.6115, 55.8422, 57.8222

Deuteranomaly

55.6267, 55.5466, 58.2418

Tritanomaly

54.8543, 55.6852, 63.7343

Monochromacy



Original Color

53.6581, 55.5325, 57.7599

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.1434, 55.5621, 59.5534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6581, 55.5325, 57.7599 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(203, 195, 192)` looks like.

```
.text, #text, p{  
    color:rgb(203, 195, 192)  
}
```

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(203, 195, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 195, 192) }
```

Border

The CSS property to change the border of an element to XYZ 53.6581, 55.5325, 57.7599 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(203, 195, 192) }
```


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

```
.border{ border-color:rgb(203, 195, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 195, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 195, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 195, 192);  
box-shadow:4px 4px 4px 4px rgb(203, 195,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6581, 55.5325, 57.7599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 195, 192) }
```

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

```
.background{ background-color: rgb(203,  
195, 192) }
```

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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