

Converting Colors

XYZ(52.9786, 55.1054, 60.0189)

Have a look what the booklet for
XYZ(52.9786, 55.1054, 60.0189)
contains.

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Color

**XYZ(53.0321, 55.1578,
60.0760)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C3C4
RGB	199, 195, 196
RGB Percent	78%, 76%, 77%
CMY	0.2196, 0.2353, 0.2314
CMYK	0.00, 0.02, 0.02, 0.22
HSL	345°, 3%, 77%
HSV	345°, 2%, 78%
XYZ	53.0321, 55.1578, 60.0760
YIQ	196.3100, 2.0630, 1.1590

Conversions

Conversions Part 2

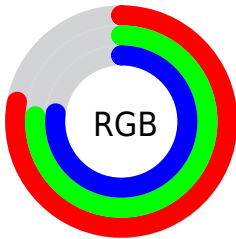
Format	Color
RYB	199, 195, 196
Decimal	13091780
CIELab	79.13, 1.57, -0.02
CIELCh	79, 1.575, 359.386
Yxy	55.1578, 0.3152, 0.3278
Android (android.graphics.Color)	4291281860 (0xFFC7C3C4)
YUV	196.3100, -0.1528, 2.3591
Hunter-Lab	74.2683, -2.5096, 4.0278

Details

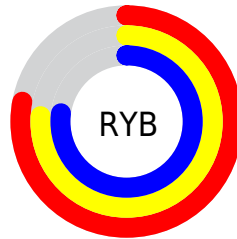
The XYZ color **53.0321, 55.1578, 60.0760** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.1242, 56.5276, 61.5398**, and the grayscale version is **52.6567, 55.3990, 60.3295**.

A 20% lighter version of the original color is **93.7800, 97.9727, 106.8964**, and **26.0844, 27.0225, 29.4323** is the 20% darker color. If you saturate the color by 10%, you get **47.2510, 46.1818, 50.1742**, and if you desaturate by 10%, it is **59.5799, 65.3948, 71.0699**.

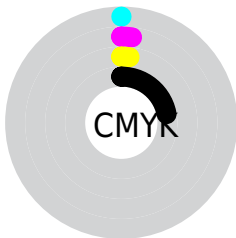
Distribution



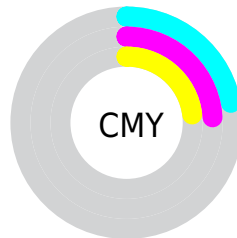
- Red (78%)
- Green (76%)
- Blue (77%)



- Red (78%)
- Yellow (76%)
- Blue (77%)



- Cyan (0%)
- Magenta (2%)
- Yellow (2%)
- Black (22%)



- Cyan (22%)
- Magenta (24%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0321, 55.1578, 60.0760 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 53.0321, 55.1578, 60.0760 by changing the saturation by 10% instead.

■ 53.0321, 55.1578,
60.0760

■ 53.0321, 55.1578,
60.0760

388.6671,
406.5098, 442.6903

■ 38.0560, 39.5281,
43.0542

■ 93.8169, 97.7721,
106.4844

■ 26.2035, 27.1708,
29.5959

120.3562,
125.5255, 136.7080

■ 17.1095, 17.7015,
19.2826

151.4806,
158.0889, 172.1693

■ 10.4084, 10.7359,
11.6958

187.5556,
195.8467, 213.2869

■ 5.7349, 5.8895,
6.4169

228.9463,
239.1833, 260.4792

■ 2.7237, 2.7780,
3.0273

276.0183,

■ 1.0094, 1.0170,

288.4831, 314.1649

1.1086

329.1367,
344.1305, 374.7624

■ 0.0000, 0.0000,
0.0000

■ 53.0321, 55.1578,
60.0760

■ 53.0321, 55.1578,
60.0760

■ 47.2510, 46.1818,
50.1742

■ 59.5799, 65.3948,
71.0699

■ 42.2035, 38.4109,
41.3273

■ 66.9165, 76.9315,
83.1844

■ 37.8614, 31.7958,
33.5008

■ 75.0687, 89.8139,
96.4518

■ 34.1924, 26.2809,
26.6575

■ 77.3635, 90.8823,
108.0723

■ 31.1619, 21.8060,
20.7575

■ 28.7320, 18.3053,
15.7581

■ 26.8608, 15.7050,
11.6134

■ 25.5006, 13.9210,
8.2728

■ 24.5951, 12.8531,
5.6800

Harmonies

Analogous

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



52.9473, 55.1578, 60.9427



53.0321, 55.1578, 60.0760



52.9539, 55.1578, 59.2127

Triad

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



53.0321, 55.1578, 60.0760



52.1300, 55.1578, 58.5629



52.1189, 55.1578, 61.5585

Complementary

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



53.0321, 55.1578, 60.0760



53.1242, 56.5276, 61.5398

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.



51.9013, 55.1578, 60.9102



53.0321, 55.1578, 60.0760



51.9078, 55.1578, 59.1809

Square

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



53.0321, 55.1578, 60.0760



52.4323, 55.1578, 58.3444



51.8242, 55.1578, 60.0389



52.4194, 55.1578, 61.8038

Rectangle

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



53.0321, 55.1578, 60.0760



52.8200, 55.1578, 58.7539



51.8242, 55.1578, 60.0389



52.0337, 55.1578, 61.3801

Sweetspot

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



53.0337, 55.1602, 60.0772



93.9352, 98.2611, 107.0157



53.1144, 55.1619, 61.8816



20.1178, 21.0502, 22.9256



0.0000, 0.0000, 0.0000



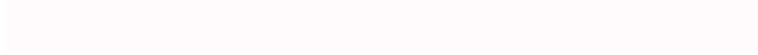
20.3446, 21.4041, 23.3091

Same Dimension

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



53.0337, 55.1602, 60.0772



92.8342, 96.5450, 105.1511



53.1452, 55.5642, 59.5564



11.7149, 12.1939, 13.2809



15.5403, 7.9657, 2.7891



0.7659, 0.3892, 0.2904

Inverse Universe

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



53.0337, 55.1602, 60.0772



92.8342, 96.5450, 105.1511



53.0104, 56.1155, 62.0711



11.7149, 12.1939, 13.2809



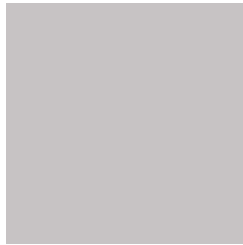
15.5403, 7.9657, 2.7891



0.7659, 0.3892, 0.2904

Previews

White Background



This preview shows how the XYZ color 53.0321, 55.1578, 60.0760 looks on a white background.

Color Contrast Check

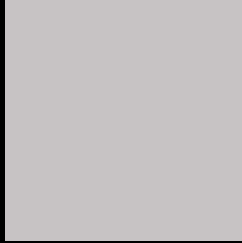
Large Text (above 18pt) WCAG AA × Fail

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 53.0321, 55.1578, 60.0760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

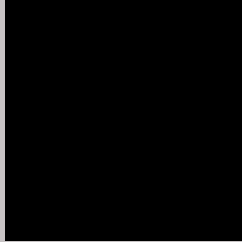
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

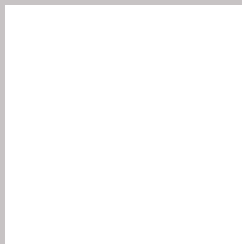
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.0321, 55.1578, 60.0760

Background



This preview shows how black text looks on a background with the XYZ color 53.0321, 55.1578, 60.0760.

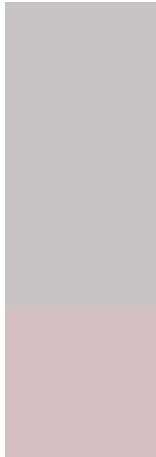


This preview shows how white text looks on a background with the XYZ color 53.0321, 55.1578,

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

53.0321, 55.1578, 60.0760

Protanopia

53.0321, 55.1578, 60.0760

Deuteranopia

56.2231, 55.1543, 60.5059



Tritanopia

54.5425, 55.1115, 67.4374

Trichromacy



Original Color

53.0321, 55.1578, 60.0760

Protanomaly

53.0321, 55.1578, 60.0760

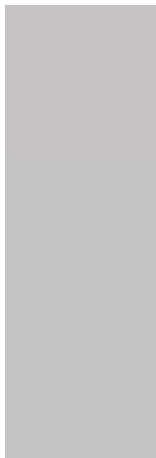
Deuteranomaly

55.2222, 55.2858, 60.5840

Tritanomaly

54.0103, 55.2226, 64.9391

Monochromacy



Original Color

53.0321, 55.1578, 60.0760

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.7297, 55.3357, 60.1263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0321, 55.1578, 60.0760 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(199, 195, 196)` looks like.

```
.text, #text, p{  
    color:rgb(199, 195, 196)  
}
```

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(199, 195, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 195, 196) }
```

Border

The CSS property to change the border of an element to XYZ 53.0321, 55.1578, 60.0760 is called "border". The border property can be set on classes, ids or directly on the HTML element.

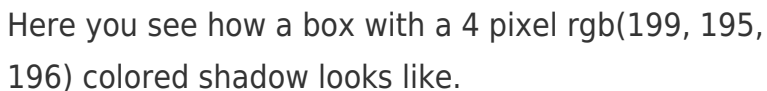
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 195, 196) }
```


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

```
.border{ border-color:rgb(199, 195, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 195, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 195, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 195, 196); box-shadow:4px 4px 4px 4px rgb(199, 195, 196) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0321, 55.1578, 60.0760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 195, 196) }
```

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

```
.background{ background-color: rgb(199,  
195, 196) }
```

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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