

Converting Colors

XYZ(54.4105, 55.9309, 63.4643)

Have a look what the booklet for
XYZ(54.4105, 55.9309, 63.4643)
contains.

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Color

**XYZ(54.1451, 55.6648,
63.1490)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C3C9
RGB	201, 195, 201
RGB Percent	79%, 76%, 79%
CMY	0.2118, 0.2353, 0.2118
CMYK	0.00, 0.03, 0.00, 0.21
HSL	300°, 5%, 78%
HSV	300°, 3%, 79%
XYZ	54.1451, 55.6648, 63.1490
YIQ	197.4780, 1.6500, 3.1380

Conversions

Conversions Part 2

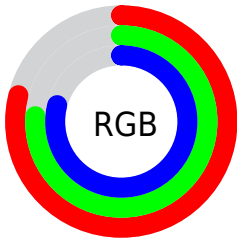
Format	Color
R _Y B	201, 195, 201
Decimal	13222857
CIE Lab	79.42, 3.18, -2.27
CIE LCh	79, 3.906, 324.537
Yxy	55.6648, 0.3131, 0.3218
Android (android.graphics.Color)	4291412937 (0xFFC9C3C9)
YUV	197.4780, 1.7363, 3.0888
Hunter-Lab	74.6088, -1.0245, 2.0431

Details

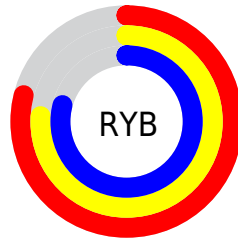
The XYZ color **54.1451, 55.6648, 63.1490** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.2449, 57.3171, 59.8897**, and the grayscale version is **53.3504, 56.1288, 61.1242**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **26.8240, 27.3594, 31.4709** is the 20% darker color. If you saturate the color by 10%, you get **49.9417, 47.2575, 61.7486**, and if you desaturate by 10%, it is **58.9579, 65.2893, 64.7539**.

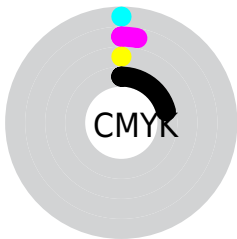
Distribution



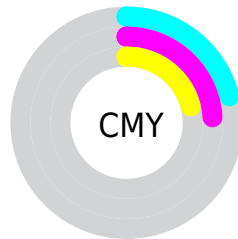
- Red (79%)
- Green (76%)
- Blue (79%)



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



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (21%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1451, 55.6648, 63.1490 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 54.1451, 55.6648, 63.1490 by changing the saturation by 10% instead.

■ 54.1451, 55.6648,
63.1490

■ 54.1451, 55.6648,
63.1490

392.8524,
408.4270, 454.2329

■ 38.9488, 39.9342,
45.5200

■ 95.4429, 98.5143,
110.9721

■ 26.9005, 27.4873,
31.5213

122.2751,
126.4020, 142.0033

■ 17.6347, 17.9395,
20.7343

153.7167,
159.1110, 178.3389

■ 10.7861, 10.9066,
12.7406

190.1330,
197.0254, 220.3975

■ 5.9894, 6.0040,
7.1215

231.8894,
240.5299, 268.5977

■ 2.8793, 2.8475,
3.4586

279.3512,

■ 1.0902, 1.0527,

290.0087, 323.3579

1.3333

332.8837,
345.8463, 385.0968

■ 0.0169, 0.0000,
0.0889

■ 0.0000, 0.0000,
0.0000

■ 54.1451, 55.6648,
63.1490

■ 54.1451, 55.6648,
63.1490

■ 49.9417, 47.2575,
61.7486

■ 58.9579, 65.2893,
64.7539

■ 46.3189, 40.0123,
60.5411

■ 64.3981, 76.1692,
66.5672

■ 43.2526, 33.8800,
59.5190

■ 70.3912, 88.1551,
68.5648

■ 40.7153, 28.8057,
58.6733

■ 70.3914, 88.1553,
68.5649

38.6770, 24.7296,
57.9940

70.3916, 88.1554,
68.5649

37.1049, 21.5858,
57.4700

70.3919, 88.1555,
68.5649

35.9622, 19.3007,
57.0892

70.3921, 88.1556,
68.5649

35.2065, 17.7896,
56.8373

70.3923, 88.1557,
68.5649

34.7868, 16.9506,
56.6975

70.3926, 88.1558,
68.5649

Harmonies

Analogous

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



53.5362, 55.6648, 64.6224



54.1451, 55.6648, 63.1490



54.4226, 55.6648, 61.0214

Triad

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



54.1451, 55.6648, 63.1490



53.0514, 55.6648, 56.4125



51.5482, 55.6648, 62.4202

Complementary

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



54.1451, 55.6648, 63.1490



53.2449, 57.3171, 59.8897

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.



51.4212, 55.6648, 60.1994



54.1451, 55.6648, 63.1490



52.2841, 55.6648, 56.7662

Square

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



54.1451, 55.6648, 63.1490



53.7872, 55.6648, 57.1606



51.6893, 55.6648, 58.1390



52.0379, 55.6648, 64.1944

Rectangle

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



54.1451, 55.6648, 63.1490



54.3804, 55.6648, 59.5322



51.6893, 55.6648, 58.1390



51.4619, 55.6648, 61.6997

Sweetspot

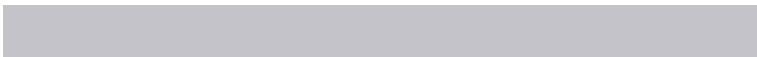
The Sweet Spot groups the original color and five complimentary colors.



54.1467, 55.6672, 63.1502



94.2419, 98.3838, 108.6306



52.5883, 54.8971, 63.0837



20.1802, 21.0752, 23.2543



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.



54.1467, 55.6672, 63.1502



91.8818, 93.6638, 107.8440



53.8089, 55.5321, 61.3712



11.5139, 11.6781, 13.5647



21.7726, 10.4584, 35.6155



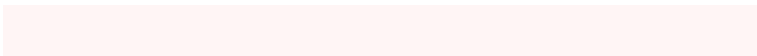
1.0309, 0.4952, 1.6864

Inverse Universe

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



53.4549, 55.3905, 59.5069



90.2829, 93.0243, 99.4236



53.5758, 57.4495, 61.6327



11.2821, 11.5854, 12.3440



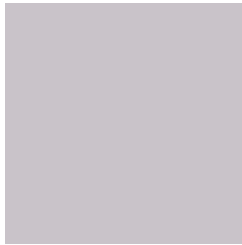
15.1453, 7.8077, 0.7090



0.7171, 0.3697, 0.0336

Previews

White Background



This preview shows how the XYZ color 54.1451, 55.6648, 63.1490 looks on a white background.

Color Contrast Check

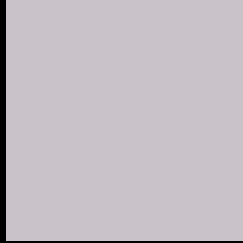
Large Text (above 18pt) WCAG AA × Fail

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 54.1451, 55.6648, 63.1490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

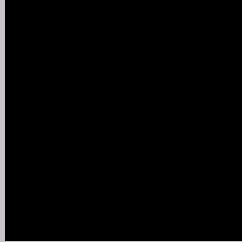
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

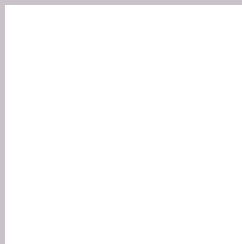
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.1451, 55.6648, 63.1490

Background



This preview shows how black text looks on a background with the XYZ color 54.1451, 55.6648, 63.1490.

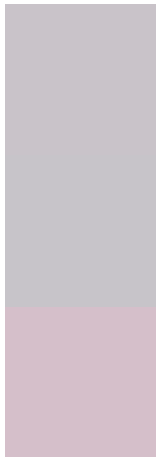


This preview shows how white text looks on a background with the XYZ color 54.1451, 55.6648,

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

54.1451, 55.6648, 63.1490

Protanopia

53.8357, 55.8390, 63.1989

Deuteranopia

56.7320, 55.6720, 63.6328



Tritanopia

55.1575, 55.7436, 68.1741

Trichromacy



Original Color

54.1451, 55.6648, 63.1490

Protanomaly

54.1020, 55.9763, 63.2114

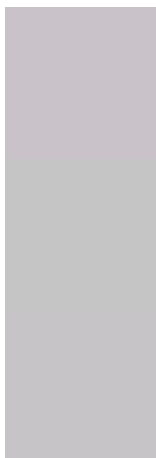
Deuteranomaly

55.8048, 55.5189, 63.6521

Tritanomaly

54.7895, 55.5964, 66.2360

Monochromacy



Original Color

54.1451, 55.6648, 63.1490

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.2217, 55.5628, 61.3457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1451, 55.6648, 63.1490 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, 195, 201)` looks like.

```
.text, #text, p{  
    color:rgb(201, 195, 201)  
}
```

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, 195, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 195, 201) }
```

Border

The CSS property to change the border of an element to XYZ 54.1451, 55.6648, 63.1490 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, 195, 201) }
```


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

```
.border{ border-color:rgb(201, 195, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 195, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 195, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 195, 201);  
box-shadow:4px 4px 4px 4px rgb(201, 195,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1451, 55.6648, 63.1490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 195, 201) }
```

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

```
.background{ background-color: rgb(201,  
195, 201) }
```

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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