

Converting Colors

XYZ(54.0445, 55.7902, 63.0514)

Have a look what the booklet for
XYZ(54.0445, 55.7902, 63.0514)
contains.

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Color

**XYZ(54.1020, 55.9763,
63.2114)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C4C9
RGB	200, 196, 201
RGB Percent	78%, 77%, 79%
CMY	0.2157, 0.2314, 0.2118
CMYK	0.00, 0.02, 0.00, 0.21
HSL	288°, 4%, 78%
HSV	288°, 2%, 79%
XYZ	54.1020, 55.9763, 63.2114
YIQ	197.7660, 0.7790, 2.4030

Conversions

Conversions Part 2

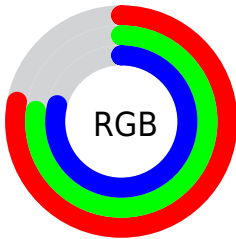
Format	Color
R _Y B	200, 196, 201
Decimal	13157577
CIE Lab	79.60, 2.31, -2.02
CIE LCh	80, 3.062, 318.852
Yxy	55.9763, 0.3122, 0.3230
Android (android.graphics.Color)	4291347657 (0xFFC8C4C9)
YUV	197.7660, 1.5944, 1.9592
Hunter-Lab	74.8173, -1.8531, 2.2794

Details

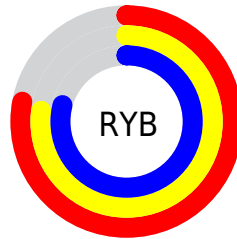
The XYZ color **54.1020, 55.9763, 63.2114** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.8786, 57.6307, 60.5116**, and the grayscale version is **53.5261, 56.3137, 61.3256**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **26.7935, 27.5636, 31.5119** is the 20% darker color. If you saturate the color by 10%, you get **48.8088, 46.9633, 61.7515**, and if you desaturate by 10%, it is **60.0340, 66.2234, 64.8775**.

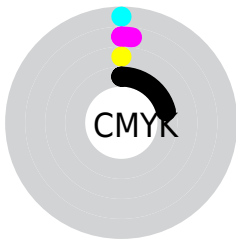
Distribution



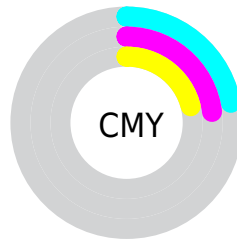
- Red (78%)
- Green (77%)
- Blue (79%)



- Red (78%)
- Yellow (77%)
- Blue (79%)



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



- Cyan (22%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1020, 55.9763, 63.2114 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 54.1020, 55.9763, 63.2114 by changing the saturation by 10% instead.

■ 54.1020, 55.9763,
63.2114

■ 54.1020, 55.9763,
63.2114

392.6909,
409.6022, 454.4653

■ 38.9142, 40.1839,
45.5702

95.3800, 98.9699,
111.0630

■ 26.8734, 27.6820,
31.5605

122.2009,
126.9400, 142.1104

■ 17.6143, 18.0861,
20.7640

153.6303,
159.7380, 178.4635

■ 10.7714, 11.0118,
12.7621

190.0334,
197.7485, 220.5411

■ 5.9795, 6.0748,
7.1361

231.7757,
241.3557, 268.7615

■ 2.8732, 2.8906,
3.4676

279.2224,

■ 1.0870, 1.0749,

290.9441, 323.5433

1.3381

332.7391,
346.8982, 385.3051

■ 0.0142, 0.0000,
0.0927

■ 0.0000, 0.0000,
0.0000

■ 54.1020, 55.9763,
63.2114

■ 54.1020, 55.9763,
63.2114

■ 48.8088, 46.9633,
61.7515

■ 60.0340, 66.2234,
64.8775

■ 44.1256, 39.1292,
60.4862

■ 66.6229, 77.7429,
66.7537

■ 40.0280, 32.4252,
59.4082

■ 73.4742, 89.7445,
68.7091

■ 36.4884, 26.7961,
58.5082

■ 74.6490, 90.3501,
68.7641

■ 33.4768, 22.1825,
57.7764

■ 75.8528, 90.9707,
68.8205

■ 30.9603, 18.5186,
57.2019

■ 77.0860, 91.6064,
68.8782

■ 28.9021, 15.7313,
56.7723

■ 78.3487, 92.2574,
68.9373

■ 27.2599, 13.7362,
56.4738

■ 79.6410, 92.9236,
68.9977

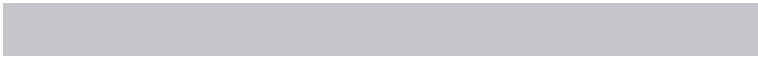
■ 25.9830, 12.4326,
56.2895

■ 80.9633, 93.6053,
69.0596

Harmonies

Analogous

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



53.5880, 55.9763, 64.2204



54.1020, 55.9763, 63.2114



54.3761, 55.9763, 61.6078

Triad

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



54.1020, 55.9763, 63.2114



53.4335, 55.9763, 57.6761



52.0891, 55.9763, 62.0530

Complementary

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



54.1020, 55.9763, 63.2114



53.8786, 57.6307, 60.5116

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.



52.0485, 55.9763, 60.2942



54.1020, 55.9763, 63.2114



52.8214, 55.9763, 57.7900

Square

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



54.1020, 55.9763, 63.2114



53.9881, 55.9763, 58.4262



52.3156, 55.9763, 58.7406



52.4271, 55.9763, 63.5427

Rectangle

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



54.1020, 55.9763, 63.2114



54.3845, 55.9763, 60.4274



52.3156, 55.9763, 58.7406



52.0403, 55.9763, 61.4729

Sweetspot

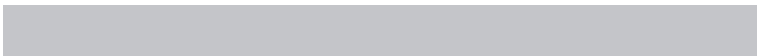
The Sweet Spot groups the original color and five complimentary colors.



54.1036, 55.9787, 63.2126



94.0544, 98.2871, 108.6219



53.2951, 55.9257, 63.2450



20.1420, 21.0555, 23.2525



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.



54.1036, 55.9787, 63.2126



92.0969, 94.9266, 108.0764



54.2058, 56.0505, 62.3520



11.5164, 11.8124, 13.5905



15.9175, 7.4400, 35.3415



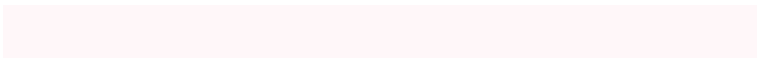
0.8081, 0.3803, 1.6760

Inverse Universe

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



53.9074, 55.9312, 60.7808



91.6882, 94.8279, 102.9964



53.7795, 57.5609, 61.3522



11.4534, 11.7973, 12.8046



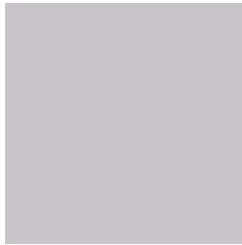
15.4150, 7.9156, 2.1295



0.7563, 0.3853, 0.2397

Previews

White Background



This preview shows how the XYZ color 54.1020, 55.9763, 63.2114 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 54.1020, 55.9763, 63.2114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

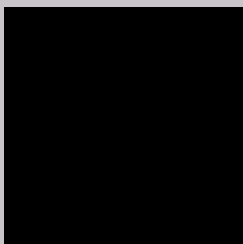
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

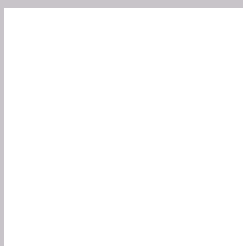
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.1020, 55.9763, 63.2114

Background



This preview shows how black text looks on a background with the XYZ color 54.1020, 55.9763, 63.2114.

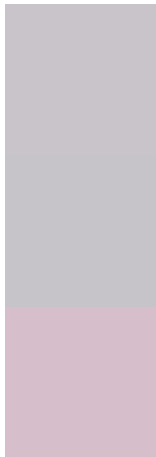


This preview shows how white text looks on a background with the XYZ color 54.1020, 55.9763,

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

54.1020, 55.9763, 63.2114

Protanopia

53.8357, 55.8390, 63.1989

Deuteranopia

57.0230, 55.8220, 63.6464



Tritanopia

55.2354, 56.1009, 68.8901

Trichromacy



Original Color

54.1020, 55.9763, 63.2114

Protanomaly

53.8357, 55.8390, 63.1989

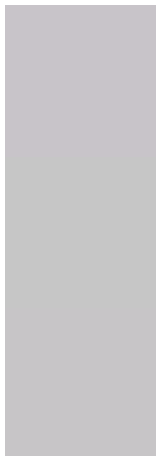
Deuteranomaly

56.0251, 55.9595, 63.7255

Tritanomaly

54.8650, 55.9527, 66.9397

Monochromacy



Original Color

54.1020, 55.9763, 63.2114

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.8282, 56.1981, 62.0431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1020, 55.9763, 63.2114 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(200, 196, 201) looks like.

```
.text, #text, p{  
    color:rgb(200, 196, 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(200, 196, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 196, 201) }
```

Border

The CSS property to change the border of an element to XYZ 54.1020, 55.9763, 63.2114 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(200, 196, 201) }
```


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

```
.border{ border-color:rgb(200, 196, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 196, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 196, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 196, 201);  
box-shadow:4px 4px 4px 4px rgb(200, 196,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1020, 55.9763, 63.2114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 196, 201) }
```

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

```
.background{ background-color: rgb(200,  
196, 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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