

# Converting Colors

XYZ(52.6346, 55.3041, 64.7652)

Have a look what the booklet for  
XYZ(52.6346, 55.3041, 64.7652)  
contains.

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# Color

**XYZ(52.6313, 55.1769,  
65.0030)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C1C4CC
RGB	193, 196, 204
RGB Percent	76%, 77%, 80%
CMY	0.2431, 0.2314, 0.2000
CMYK	0.05, 0.04, 0.00, 0.20
HSL	224°, 10%, 78%
HSV	224°, 5%, 80%
XYZ	52.6313, 55.1769, 65.0030
YIQ	196.0150, -4.3560, 1.8520

# Conversions

## Conversions Part 2

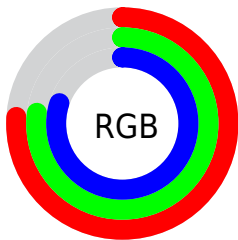
Format	Color
R <sub>Y</sub> B	193, 195, 204
Decimal	12698828
CIE Lab	79.14, 0.49, -4.37
CIE LCh	79, 4.392, 276.375
Yxy	55.1769, 0.3046, 0.3193
Android (android.graphics.Color)	4290888908 (0xFFC1C4CC)
YUV	196.0150, 3.9366, -2.6442
Hunter-Lab	74.2812, -3.5173, 0.1125

# Details

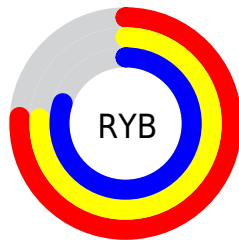
The XYZ color **52.6313, 55.1769, 65.0030** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.4143, 58.4604, 58.8163**, and the grayscale version is **52.4586, 55.1906, 60.1025**.

A 20% lighter version of the original color is **92.2422, 97.6103, 108.5867**, and **25.8255, 27.0370, 32.7117** is the 20% darker color. If you saturate the color by 10%, you get **44.6040, 46.3170, 63.7168**, and if you desaturate by 10%, it is **61.7098, 65.0727, 66.4354**.

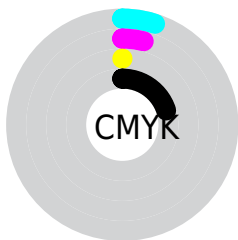
# Distribution



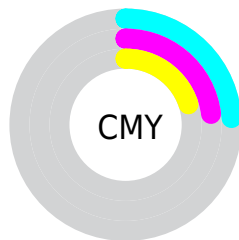
- Red (76%)
- Green (77%)
- Blue (80%)



- Red (76%)
- Yellow (76%)
- Blue (80%)



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



- Cyan (24%)
- Magenta (23%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6313, 55.1769, 65.0030 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 52.6313, 55.1769, 65.0030 by changing the saturation by 10% instead.



■ 52.6313, 55.1769,  
65.0030

■ 52.6313, 55.1769,  
65.0030

387.1530,  
406.5821, 461.1093

■ 37.7348, 39.5434,  
47.0122

■ 93.2303, 97.8001,  
113.6675

■ 25.9532, 27.1827,  
32.6908

119.6636,  
125.5585, 145.1782

■ 16.9211, 17.7105,  
21.6205

150.6732,  
158.1274, 182.0326

■ 10.2732, 10.7423,  
13.3827

186.6244,  
195.8911, 224.6493

■ 5.6441, 5.8938,  
7.5588

227.8826,  
239.2341, 273.4468

■ 2.6685, 2.7806,  
3.7303

274.8133,

■ 0.9810, 1.0183,

288.5406, 328.8435

1.4786

327.7816,  
344.1952, 391.2582

■ 0.0000, 0.0000,  
0.2019

■ 0.0000, 0.0000,  
0.0000

■ 52.6313, 55.1769,  
65.0030

■ 52.6313, 55.1769,  
65.0030

■ 44.6040, 46.3170,  
63.7168

■ 61.7098, 65.0727,  
66.4354

■ 37.5845, 38.4518,  
62.5686

■ 71.8715, 76.0299,  
68.0148

■ 31.5331, 31.5476,  
61.5549

■ 83.1528, 88.0818,  
69.7465

■ 26.4058, 25.5661,  
60.6706

■ 87.8992, 97.1397,  
71.2447

■ 22.1549, 20.4663,  
59.9103

■ 18.7283, 16.2037,  
59.2681

■ 16.0681, 12.7300,  
58.7379

■ 14.1079, 9.9907,  
58.3124

■ 12.7684, 7.9232,  
57.9840

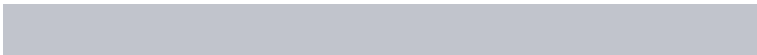
# Harmonies

## Analogous

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



51.7716, 55.1769, 64.6090



52.6313, 55.1769, 65.0030



53.4497, 55.1769, 64.0482

# Triad

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



52.6313, 55.1769, 65.0030



53.8124, 55.1769, 57.2615



50.9153, 55.1769, 58.1650

# Complementary

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



52.6313, 55.1769, 65.0030



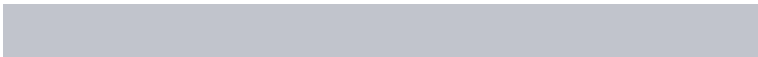
55.4143, 58.4604, 58.8163

# 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.



51.4510, 55.1769, 56.2759



52.6313, 55.1769, 65.0030



53.1222, 55.1769, 55.7645

# Square

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



52.6313, 55.1769, 65.0030



54.1365, 55.1769, 59.5440



52.2571, 55.1769, 55.4088

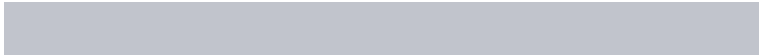


50.7871, 55.1769, 60.6157



# Rectangle

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



52.6313, 55.1769, 65.0030



53.8596, 55.1769, 62.7904



52.2571, 55.1769, 55.4088



51.0534, 55.1769, 57.4453

# Sweetspot

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



52.6329, 55.1792, 65.0042



92.0271, 96.7027, 108.4229



54.1149, 58.7357, 63.6722



19.7293, 20.7330, 23.2120



0.0000, 0.0000, 0.0000

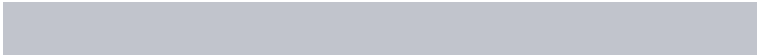


20.3446, 21.4041, 23.3091



# Same Dimension

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



52.6329, 55.1792, 65.0042



86.1971, 90.3202, 107.4982



52.5748, 54.1537, 64.8093



11.3601, 11.8989, 14.2683



7.8080, 4.6400, 36.4403



0.4673, 0.3683, 1.9014



# Inverse Universe

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



53.9368, 54.9639, 59.9936



88.6223, 89.9279, 98.1770



55.4729, 59.5400, 59.0216



11.7079, 11.8435, 12.9316



16.1520, 8.2714, 3.2532

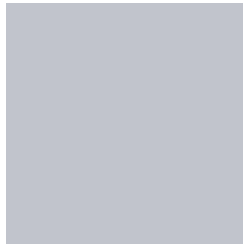


0.8658, 0.4397, 0.3392



# Previews

## White Background



This preview shows how the XYZ color 52.6313, 55.1769, 65.0030 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

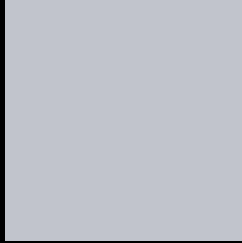
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 52.6313, 55.1769, 65.0030 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

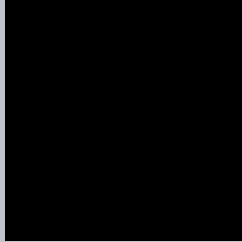
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 52.6313, 55.1769, 65.0030

## Background



This preview shows how black text looks on a background with the XYZ color 52.6313, 55.1769, 65.0030.



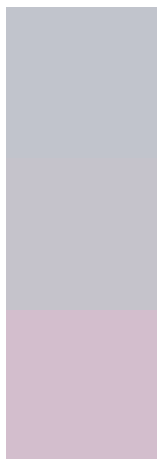
This preview shows how white text looks on a background with the XYZ color 52.6313, 55.1769,



# 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

52.6313, 55.1769, 65.0030

### Protanopia

53.3206, 55.2123, 64.3467

### Deuteranopia

56.2969, 55.0836, 65.4226



## Tritanopia

53.3961, 55.1527, 68.8040

# Trichromacy



## Original Color

52.6313, 55.1769, 65.0030

## Protanomaly

53.0595, 55.0778, 64.3344

## Deuteranomaly

54.7709, 54.9444, 65.4762

## Tritanomaly

53.1484, 55.0536, 67.4997

# Monochromacy



## Original Color

52.6313, 55.1769, 65.0030

## Achromatopsia

52.4687, 55.2011, 60.1140

## Achromatomaly

52.5544, 55.2055, 61.9186

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 52.6313, 55.1769, 65.0030 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(193, 196, 204)` looks like.

```
.text, #text, p{  
    color:rgb(193, 196, 204)  
}
```

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(193, 196, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 196, 204) }
```

## Border

The CSS property to change the border of an element to XYZ 52.6313, 55.1769, 65.0030 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(193, 196, 204) }
```



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

```
.border{ border-color:rgb(193, 196, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 196, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 196, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 196, 204);  
box-shadow:4px 4px 4px 4px rgb(193, 196,  
204) }
```

# Background

The CSS property to change the background color of an element to XYZ 52.6313, 55.1769, 65.0030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 196, 204) }
```

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

```
.background{ background-color: rgb(193,  
196, 204) }
```

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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