

Converting Colors

XYZ(53.2825, 55.7329, 63.6434)

Have a look what the booklet for
XYZ(53.2825, 55.7329, 63.6434)
contains.

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Color

**XYZ(53.3919, 55.9325,
63.8591)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C5CA
RGB	196, 197, 202
RGB Percent	77%, 77%, 79%
CMY	0.2314, 0.2274, 0.2078
CMYK	0.03, 0.02, 0.00, 0.21
HSL	230°, 5%, 78%
HSV	230°, 3%, 79%
XYZ	53.3919, 55.9325, 63.8591
YIQ	197.2710, -2.2010, 1.3430

Conversions

Conversions Part 2

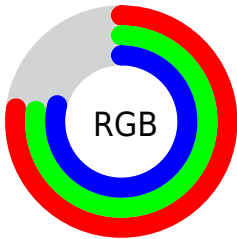
Format	Color
R _Y B	196, 197, 202
Decimal	12895690
CIE Lab	79.58, 0.59, -2.63
CIE LCh	80, 2.692, 282.716
Yxy	55.9325, 0.3083, 0.3230
Android (android.graphics.Color)	4291085770 (0xFFC4C5CA)
YUV	197.2710, 2.3314, -1.1147
Hunter-Lab	74.7880, -3.4462, 1.7258

Details

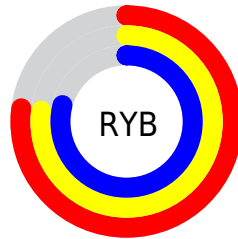
The XYZ color **53.3919, 55.9325, 63.8591** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.2078, 58.3149, 60.5717**, and the grayscale version is **53.2233, 55.9950, 60.9786**.

A 20% lighter version of the original color is **93.9998, 98.9863, 108.7597**, and **26.3231, 27.5338, 31.9442** is the 20% darker color. If you saturate the color by 10%, you get **44.8783, 46.1869, 62.4276**, and if you desaturate by 10%, it is **63.0425, 66.9002, 65.4683**.

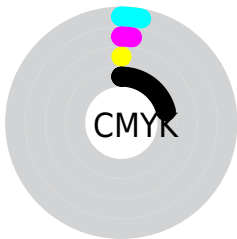
Distribution



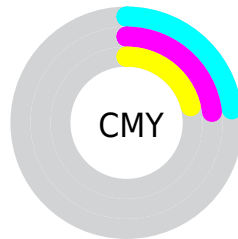
- Red (77%)
- Green (77%)
- Blue (79%)



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



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (21%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3919, 55.9325, 63.8591 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 53.3919, 55.9325, 63.8591 by changing the saturation by 10% instead.

■ 53.3919, 55.9325,
63.8591

■ 53.3919, 55.9325,
63.8591

390.0232,
409.4371, 456.8741

■ 38.3444, 40.1488,
46.0911

■ 94.3429, 98.9059,
112.0055

■ 26.4286, 27.6546,
31.9685

120.9772,
126.8644, 143.2210

■ 17.2789, 18.0654,
21.0728

152.2045,
159.6499, 179.7561

■ 10.5301, 10.9970,
12.9855

188.3901,
197.6468, 222.0293

■ 5.8167, 6.0648,
7.2880

229.8994,
241.2397, 270.4592

■ 2.7736, 2.8845,
3.5617

277.0978,

■ 1.0352, 1.0717,

290.8127, 325.4642

1.3881

330.3506,
346.7504, 387.4630

■ 0.0000, 0.0000,
0.1324

■ 0.0000, 0.0000,
0.0000

■ 53.3919, 55.9325,
63.8591

■ 53.3919, 55.9325,
63.8591

■ 44.8783, 46.1869,
62.4276

■ 63.0425, 66.9002,
65.4683

■ 37.4548, 37.6140,
61.1641

■ 73.8651, 79.1232,
67.2571

■ 31.0785, 30.1713,
60.0636

■ 85.3072, 92.3370,
69.2046

■ 25.7017, 23.8110,
59.1193

■ 87.6608, 97.0443,
69.9892

■ 21.2727, 18.4822,
58.3242

■ 17.7355, 14.1294,
57.6704

■ 15.0279, 10.6918,
57.1496

■ 13.0791, 8.1019,
56.7524

■ 11.8062, 6.2816,
56.4682

Harmonies

Analogous

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



52.8531, 55.9325, 63.7956



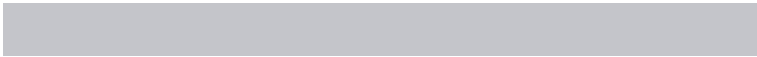
53.3919, 55.9325, 63.8591



53.8723, 55.9325, 63.1203

Triad

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



53.3919, 55.9325, 63.8591



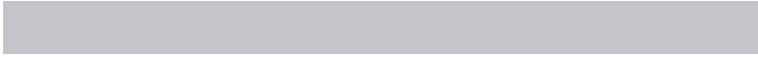
53.9315, 55.9325, 58.8986



52.1733, 55.9325, 60.0185

Complementary

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



53.3919, 55.9325, 63.8591



55.2078, 58.3149, 60.5717

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.



52.4583, 55.9325, 58.7343



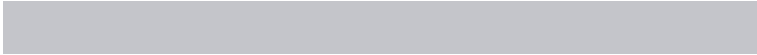
53.3919, 55.9325, 63.8591



53.4724, 55.9325, 58.0953

Square

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



53.3919, 55.9325, 63.8591



54.1853, 55.9325, 60.2463



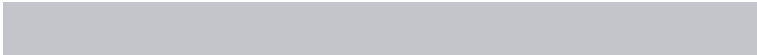
52.9331, 55.9325, 58.0357



52.1520, 55.9325, 61.5604

Rectangle

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



53.3919, 55.9325, 63.8591



54.0938, 55.9325, 62.2794



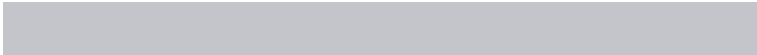
52.9331, 55.9325, 58.0357



52.2413, 55.9325, 59.5430

Sweetspot

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



53.3935, 55.9349, 63.8603



93.4443, 98.1720, 108.6318



54.4173, 58.1901, 63.5613



20.0178, 21.0321, 23.2545



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.



53.3935, 55.9349, 63.8603



88.7460, 92.8157, 107.8455



53.6639, 55.7373, 63.8079



11.6619, 12.1843, 14.3075



7.2683, 3.5606, 36.2605



0.4233, 0.2804, 1.8867

Inverse Universe

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



54.1764, 56.0688, 60.7930



90.5441, 93.1287, 100.7991



54.9314, 58.5206, 60.6260



11.9379, 12.2329, 13.2261



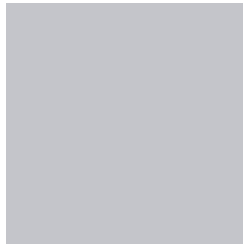
15.8796, 8.1624, 1.8188



0.8436, 0.4308, 0.2223

Previews

White Background



This preview shows how the XYZ color 53.3919, 55.9325, 63.8591 looks on a white background.

Color Contrast Check

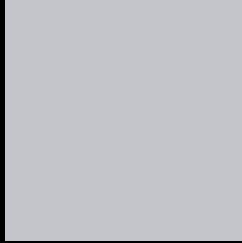
Large Text (above 18pt) WCAG AA × Fail

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 53.3919, 55.9325, 63.8591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

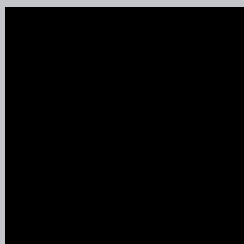
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

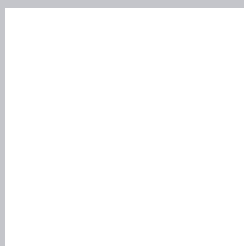
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.3919, 55.9325, 63.8591

Background



This preview shows how black text looks on a background with the XYZ color 53.3919, 55.9325, 63.8591.

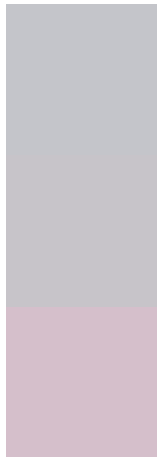


This preview shows how white text looks on a background with the XYZ color 53.3919, 55.9325,

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

53.3919, 55.9325, 63.8591

Protanopia

53.8357, 55.8390, 63.1989

Deuteranopia

56.8509, 55.7195, 64.2585



Tritanopia

54.5238, 56.0533, 69.5737

Trichromacy



Original Color

53.3919, 55.9325, 63.8591

Protanomaly

53.5712, 55.7027, 63.1865

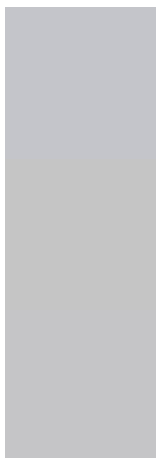
Deuteranomaly

55.5816, 55.7171, 64.3249

Tritanomaly

54.1511, 55.9042, 67.6110

Monochromacy



Original Color

53.3919, 55.9325, 63.8591

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.3010, 55.9263, 62.0184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3919, 55.9325, 63.8591 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(196, 197, 202) looks like.

```
.text, #text, p{  
    color:rgb(196, 197, 202)  
}
```

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(196, 197, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 197, 202) }
```

Border

The CSS property to change the border of an element to XYZ 53.3919, 55.9325, 63.8591 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(196, 197, 202) }
```


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

```
.border{ border-color:rgb(196, 197, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 197, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 197, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 197, 202);  
box-shadow:4px 4px 4px 4px rgb(196, 197,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3919, 55.9325, 63.8591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 197, 202) }
```

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

```
.background{ background-color: rgb(196,  
197, 202) }
```

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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