

Converting Colors

XYZ(52.9520, 55.3427, 63.6425)

Have a look what the booklet for
XYZ(52.9520, 55.3427, 63.6425)
contains.

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Color

**XYZ(52.9063, 55.3462,
63.7715)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C4CA
RGB	195, 196, 202
RGB Percent	76%, 77%, 79%
CMY	0.2353, 0.2314, 0.2078
CMYK	0.03, 0.03, 0.00, 0.21
HSL	231°, 6%, 78%
HSV	231°, 3%, 79%
XYZ	52.9063, 55.3462, 63.7715
YIQ	196.3850, -2.5220, 1.6540

Conversions

Conversions Part 2

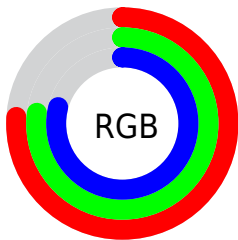
Format	Color
R_{YB}	195, 196, 202
Decimal	12829898
CIE Lab	79.24, 0.78, -3.13
CIE LCh	79, 3.224, 284.049
Yxy	55.3462, 0.3076, 0.3217
Android (android.graphics.Color)	4291019978 (0xFFC3C4CA)
YUV	196.3850, 2.7682, -1.2146
Hunter-Lab	74.3950, -3.2504, 1.2531

Details

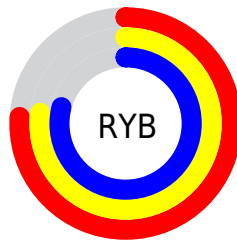
The XYZ color **52.9063, 55.3462, 63.7715** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.0943, 58.2695, 59.9741**, and the grayscale version is **52.6868, 55.4306, 60.3639**.

A 20% lighter version of the original color is **93.3202, 98.1660, 108.6372**, and **26.0028, 27.1468, 31.8863** is the 20% darker color. If you saturate the color by 10%, you get **44.3553, 45.4748, 62.3177**, and if you desaturate by 10%, it is **62.6169, 66.4869, 65.4109**.

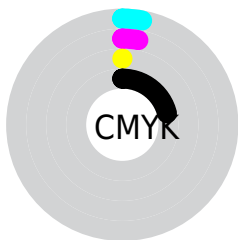
Distribution



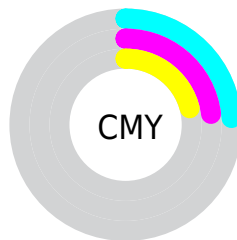
- Red (76%)
- Green (77%)
- Blue (79%)



- Red (76%)
- Yellow (77%)
- Blue (79%)



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



- Cyan (24%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9063, 55.3462, 63.7715 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 52.9063, 55.3462, 63.7715 by changing the saturation by 10% instead.

■ 52.9063, 55.3462,
63.7715

■ 52.9063, 55.3462,
63.7715

388.1923,
407.2229, 456.5488

■ 37.9552, 39.6790,
46.0206

■ 93.6328, 98.0480,
111.8781

■ 26.1249, 27.2883,
31.9133

120.1389,
125.8514, 143.0709

■ 17.0503, 17.7899,
21.0310

151.2273,
158.4689, 179.5814

■ 10.3659, 10.7992,
12.9552

187.2635,
196.2850, 221.8282

■ 5.7063, 5.9320,
7.2674

228.6127,
239.6841, 270.2298

■ 2.7063, 2.8038,
3.5489

275.6403,

■ 1.0004, 1.0302,

289.0505, 325.2047

1.3813

328.7117,
344.7686, 387.1716

■ 0.0000, 0.0000,
0.1271

■ 0.0000, 0.0000,
0.0000

■ 52.9063, 55.3462,
63.7715

■ 52.9063, 55.3462,
63.7715

■ 44.3553, 45.4748,
62.3177

■ 62.6169, 66.4869,
65.4109

■ 36.9156, 36.8207,
61.0394

■ 73.5234, 78.9324,
67.2383

■ 30.5428, 29.3384,
59.9310

■ 85.4444, 92.6115,
69.2503

■ 25.1875, 22.9773,
58.9855

■ 87.6608, 97.0443,
69.9891

■ 20.7964, 17.6829,
58.1950

■ 17.3113, 13.3958,
57.5512

■ 14.6676, 10.0511,
57.0449

■ 12.7917, 7.5759,
56.6660

■ 11.5970, 5.8859,
56.4028

Harmonies

Analogous

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



52.2651, 55.3462, 63.7398



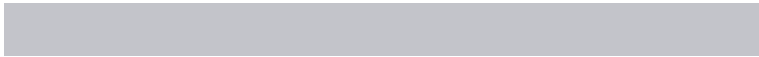
52.9063, 55.3462, 63.7715



53.4712, 55.3462, 62.8496

Triad

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



52.9063, 55.3462, 63.7715



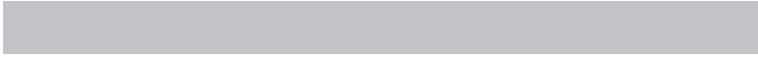
53.5006, 55.3462, 57.8286



51.4224, 55.3462, 59.2925

Complementary

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



52.9063, 55.3462, 63.7715



55.0943, 58.2695, 59.9741

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.



51.7480, 55.3462, 57.7475



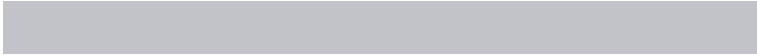
52.9063, 55.3462, 63.7715



52.9462, 55.3462, 56.9142

Square

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



52.9063, 55.3462, 63.7715



53.8162, 55.3462, 59.4052



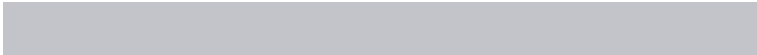
52.3047, 55.3462, 56.8848



51.4119, 55.3462, 61.1283

Rectangle

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



52.9063, 55.3462, 63.7715



53.7271, 55.3462, 61.8291



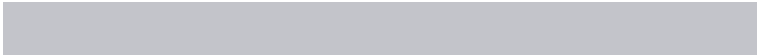
52.3047, 55.3462, 56.8848



51.4985, 55.3462, 58.7228

Sweetspot

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



52.9079, 55.3486, 63.7727



93.4251, 98.1336, 108.6254



54.1638, 58.0588, 63.5801



20.0139, 21.0243, 23.2532



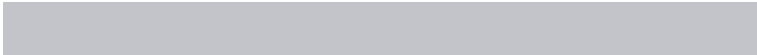
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



52.9079, 55.3486, 63.7727



88.6718, 92.6672, 107.8208



53.3207, 55.2267, 63.7274



11.6506, 12.1616, 14.3037



7.1815, 3.3869, 36.2315



0.4134, 0.2605, 1.8834

Inverse Universe

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



53.8373, 55.5734, 60.1165



90.5066, 93.1137, 100.6018



54.6711, 58.3996, 60.0215



11.9322, 12.2306, 13.1959



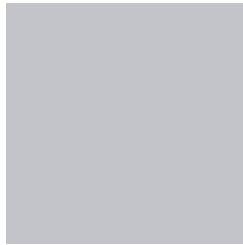
15.8358, 8.1449, 1.5879



0.8386, 0.4288, 0.1959

Previews

White Background



This preview shows how the XYZ color 52.9063, 55.3462, 63.7715 looks on a white background.

Color Contrast Check

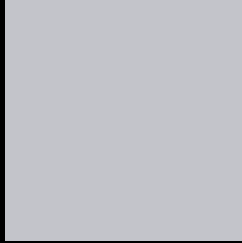
Large Text (above 18pt) WCAG AA × Fail

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 52.9063, 55.3462, 63.7715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

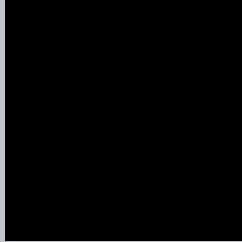
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

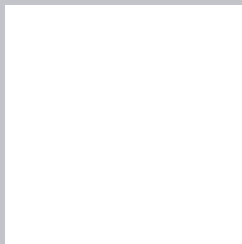
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.9063, 55.3462, 63.7715

Background



This preview shows how black text looks on a background with the XYZ color 52.9063, 55.3462, 63.7715.

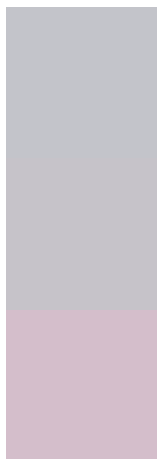


This preview shows how white text looks on a background with the XYZ color 52.9063, 55.3462,

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

52.9063, 55.3462, 63.7715

Protanopia

53.3464, 55.2530, 63.1116

Deuteranopia

56.3443, 55.1358, 64.1725



Tritanopia

53.9129, 55.4191, 68.8282

Trichromacy



Original Color

52.9063, 55.3462, 63.7715

Protanomaly

53.0837, 55.1176, 63.0993

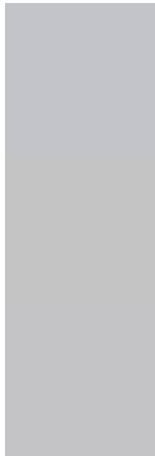
Deuteranomaly

55.0827, 55.1329, 64.2385

Tritanomaly

53.5425, 55.2710, 66.8779

Monochromacy



Original Color

52.9063, 55.3462, 63.7715

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.6979, 55.2928, 61.3212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9063, 55.3462, 63.7715 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(195, 196, 202) looks like.

```
.text, #text, p{  
    color:rgb(195, 196, 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(195, 196, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 196, 202) }
```

Border

The CSS property to change the border of an element to XYZ 52.9063, 55.3462, 63.7715 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(195, 196, 202) }
```


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

```
.border{ border-color:rgb(195, 196, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 196, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 196, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 196, 202);  
box-shadow:4px 4px 4px 4px rgb(195, 196,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9063, 55.3462, 63.7715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 196, 202) }
```

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

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