

Converting Colors

XYZ(52.0506, 55.3431, 61.5657)

Have a look what the booklet for
XYZ(52.0506, 55.3431, 61.5657)
contains.

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Color

**XYZ(51.8975, 55.2162,
61.3486)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C5C6
RGB	192, 197, 198
RGB Percent	75%, 77%, 78%
CMY	0.2471, 0.2274, 0.2235
CMYK	0.03, 0.01, 0.00, 0.22
HSL	190°, 5%, 76%
HSV	190°, 3%, 78%
XYZ	51.8975, 55.2162, 61.3486
YIQ	195.6190, -3.3010, -0.7490

Conversions

Conversions Part 2

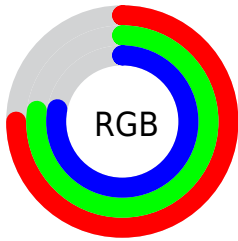
Format	Color
R_{YB}	192, 195, 198
Decimal	12633542
CIE _{Lab}	79.17, -1.53, -1.11
CIE _{LCh}	79, 1.887, 215.998
Yxy	55.2162, 0.3081, 0.3278
Android (android.graphics.Color)	4290823622 (0xFFC0C5C6)
YUV	195.6190, 1.1738, -3.1739
Hunter-Lab	74.3076, -5.3713, 3.0653

Details

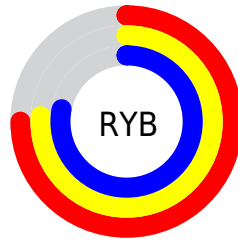
The XYZ color **51.8975, 55.2162, 61.3486** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.8732, 53.9508, 57.5494**, and the grayscale version is **52.2371, 54.9575, 59.8488**.

A 20% lighter version of the original color is **92.2032, 98.0601, 108.6756**, and **25.5040, 27.1475, 30.2813** is the 20% darker color. If you saturate the color by 10%, you get **46.4792, 51.3278, 60.8845**, and if you desaturate by 10%, it is **58.0097, 59.4896, 61.8521**.

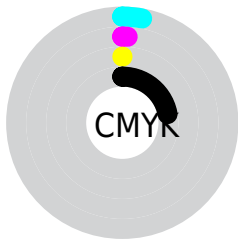
Distribution



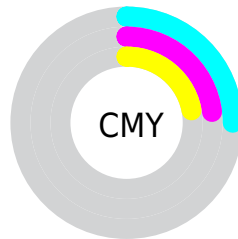
- Red (75%)
- Green (77%)
- Blue (78%)



- Red (75%)
- Yellow (76%)
- Blue (78%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



- Cyan (25%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.8975, 55.2162, 61.3486 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 51.8975, 55.2162, 61.3486 by changing the saturation by 10% instead.

■ 51.8975, 55.2162,
61.3486

■ 51.8975, 55.2162,
61.3486

384.3712,
406.7309, 447.4929

■ 37.1473, 39.5748,
44.0742

■ 92.1552, 97.8576,
108.3460

■ 25.4958, 27.2072,
30.3912

118.3934,
125.6265, 138.9060

■ 16.5775, 17.7289,
19.8811

149.1917,
158.2067, 174.7316

■ 10.0272, 10.7555,
12.1255

184.9153,
195.9826, 216.2414

■ 5.4794, 5.9027,
6.7056

225.9298,
239.3386, 263.8539

■ 2.5688, 2.7860,
3.2030

272.6003,

■ 0.9301, 1.0211,

288.6590, 317.9876

1.1992

325.2924,
344.3283, 379.0611

■ 0.0000, 0.0000,
0.0000

■ 51.8975, 55.2162,
61.3486

■ 51.8975, 55.2162,
61.3486

■ 46.4792, 51.3278,
60.8845

■ 58.0097, 59.4896,
61.8521

■ 41.7233, 47.8034,
60.4549

■ 64.8366, 64.1542,
62.3927

■ 37.6027, 44.6304,
60.0596

■ 72.4035, 69.2248,
62.9726

■ 34.0867, 41.7928,
59.6972

■ 74.5196, 71.5100,
63.3021

■ 31.1419, 39.2733,
59.3661

■ 75.3408, 73.1525,
63.5759

■ 28.7316, 37.0527,
59.0645

■ 76.1789, 74.8286,
63.8552

■ 26.8149, 35.1099,
58.7905

■ 77.0338, 76.5385,
64.1402

■ 25.3446, 33.4202,
58.5419

■ 77.9058, 78.2824,
64.4309

■ 24.2639, 31.9544,
58.3159

■ 78.7948, 80.0604,
64.7272

Harmonies

Analogous

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



51.7643, 55.2162, 60.3381



51.8975, 55.2162, 61.3486



52.1873, 55.2162, 62.0361

Triad

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



51.8975, 55.2162, 61.3486



53.1458, 55.2162, 60.9688



52.4057, 55.2162, 58.0815

Complementary

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



51.8975, 55.2162, 61.3486



51.8732, 53.9508, 57.5494

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.



52.7765, 55.2162, 58.2458



51.8975, 55.2162, 61.3486



53.2050, 55.2162, 59.9045

Square

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



51.8975, 55.2162, 61.3486



52.9082, 55.2162, 61.8150



53.0695, 55.2162, 58.9100



52.0568, 55.2162, 58.4583

Rectangle

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



51.8975, 55.2162, 61.3486



52.4308, 55.2162, 62.2143



53.0695, 55.2162, 58.9100



52.5319, 55.2162, 58.0753

Sweetspot

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



51.8991, 55.2186, 61.3498



93.9831, 99.2496, 108.8114



51.5476, 55.4413, 58.3787



20.1275, 21.2514, 23.2911



0.0000, 0.0000, 0.0000



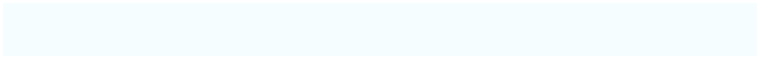
20.3446, 21.4041, 23.3091

Same Dimension

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



51.8991, 55.2186, 61.3498



90.8583, 97.0402, 108.5496



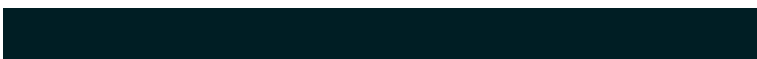
51.2461, 53.9126, 61.1322



11.3652, 12.1671, 13.6670



15.4457, 20.2853, 37.8457



0.7723, 1.0425, 1.8057

Inverse Universe

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



52.2176, 53.7372, 60.4463



91.6103, 93.5552, 106.4136



52.5213, 55.2472, 57.7655



11.4744, 11.6623, 13.3566



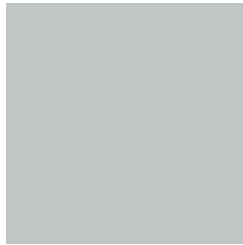
19.5956, 9.5878, 24.1440



0.9485, 0.4623, 1.2522

Previews

White Background



This preview shows how the XYZ color 51.8975, 55.2162, 61.3486 looks on a white background.

Color Contrast Check

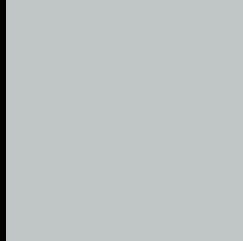
Large Text (above 18pt) WCAG AA × Fail

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 51.8975, 55.2162, 61.3486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

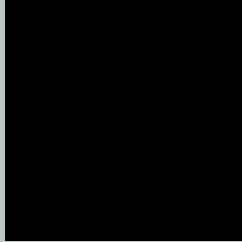
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

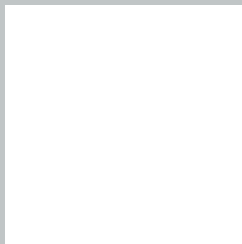
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.8975, 55.2162, 61.3486

Background



This preview shows how black text looks on a background with the XYZ color 51.8975, 55.2162, 61.3486.

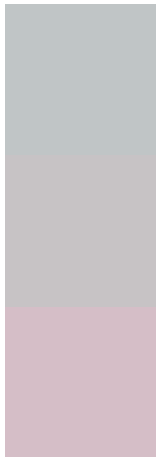


This preview shows how white text looks on a background with the XYZ color 51.8975, 55.2162,

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

51.8975, 55.2162, 61.3486

Protanopia

53.1463, 55.2035, 60.6776

Deuteranopia

56.1628, 55.0966, 61.7074



Tritanopia

53.3961, 55.1527, 68.8040

Trichromacy



Original Color

51.8975, 55.2162, 61.3486

Protanomaly

52.5829, 55.2468, 60.7156

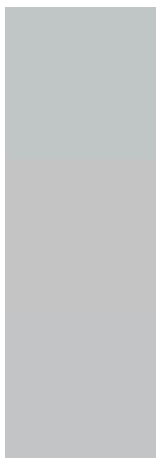
Deuteranomaly

54.5556, 55.2426, 61.8203

Tritanomaly

52.8728, 55.2735, 66.2747

Monochromacy



Original Color

51.8975, 55.2162, 61.3486

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.3236, 55.1132, 60.7035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8975, 55.2162, 61.3486 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(192, 197, 198) looks like.

```
.text, #text, p{  
    color:rgb(192, 197, 198)  
}
```

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(192, 197, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 197, 198) }
```

Border

The CSS property to change the border of an element to XYZ 51.8975, 55.2162, 61.3486 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(192, 197, 198) }
```


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

```
.border{ border-color:rgb(192, 197, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 197, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 197, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 197, 198);  
box-shadow:4px 4px 4px 4px rgb(192, 197,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8975, 55.2162, 61.3486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 197, 198) }
```

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

```
.background{ background-color: rgb(192,  
197, 198) }
```

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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