

Converting Colors

XYZ(52.1000, 55.0864, 61.1008)

Have a look what the booklet for
XYZ(52.1000, 55.0864, 61.1008)
contains.

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Color

**XYZ(52.1811, 55.0264,
61.2970)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C4C6
RGB	194, 196, 198
RGB Percent	76%, 77%, 78%
CMY	0.2392, 0.2314, 0.2235
CMYK	0.02, 0.01, 0.00, 0.22
HSL	210°, 3%, 77%
HSV	210°, 2%, 78%
XYZ	52.1811, 55.0264, 61.2970
YIQ	195.6300, -1.8340, 0.1980

Conversions

Conversions Part 2

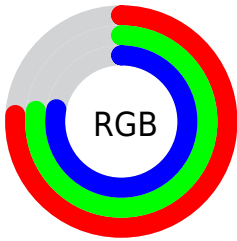
Format	Color
RYB	194, 195, 198
Decimal	12764358
CIELab	79.06, -0.31, -1.25
CIElCh	79, 1.290, 255.946
Yxy	55.0264, 0.3097, 0.3266
Android (android.graphics.Color)	4290954438 (0xFFC2C4C6)
YUV	195.6300, 1.1684, -1.4295
Hunter-Lab	74.1798, -4.2504, 2.9327

Details

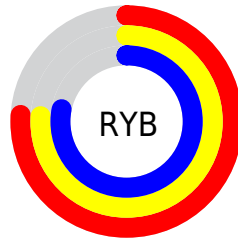
The XYZ color **52.1811, 55.0264, 61.2970** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.7663, 55.3801, 58.9481**, and the grayscale version is **52.2431, 54.9638, 59.8556**.

A 20% lighter version of the original color is **92.5996, 97.7946, 108.6035**, and **25.5223, 26.9351, 30.2394** is the 20% darker color. If you saturate the color by 10%, you get **45.2780, 48.2678, 60.3571**, and if you desaturate by 10%, it is **59.9113, 62.4325, 62.3199**.

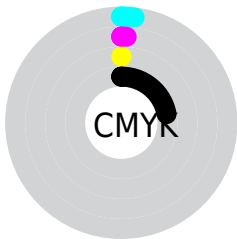
Distribution



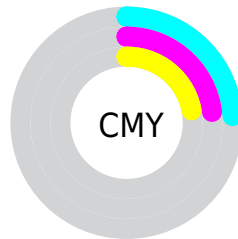
- Red (76%)
- Green (77%)
- Blue (78%)



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



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



- Cyan (24%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1811, 55.0264, 61.2970 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 52.1811, 55.0264, 61.2970 by changing the saturation by 10% instead.

■ 52.1811, 55.0264,
61.2970

■ 52.1811, 55.0264,
61.2970

385.4478,
406.0120, 447.2988

■ 37.3743, 39.4229,
44.0328

■ 92.5709, 97.5796,
108.2706

■ 25.6724, 27.0888,
30.3589

118.8846,
125.2981, 138.8170

■ 16.7101, 17.6400,
19.8568

149.7647,
157.8237, 174.6279

■ 10.1221, 10.6918,
12.1080

185.5765,
195.5408, 216.1219

■ 5.5429, 5.8600,
6.6938

226.6854,
238.8338, 263.7174

■ 2.6071, 2.7601,
3.1958

273.4566,

■ 0.9496, 1.0078,

288.0870, 317.8330

1.1955

326.2557,
343.6850, 378.8873

■ 0.0000, 0.0000,
0.0000

■ 52.1811, 55.0264,
61.2970

■ 52.1811, 55.0264,
61.2970

■ 45.2780, 48.2678,
60.3571

■ 59.9113, 62.4325,
62.3199

■ 39.1680, 42.1304,
59.4945

■ 68.4918, 70.4975,
63.4244

■ 33.8213, 36.5962,
58.7081

■ 77.9506, 79.2413,
64.6136

■ 29.2046, 31.6434,
57.9954

■ 81.2964, 85.0636,
65.5611

■ 25.2820, 27.2490,
57.3540

■ 84.2140, 90.8988,
66.5336

■ 22.0139, 23.3879,
56.7810

■ 87.1932, 96.8573,
67.5267

■ 19.3566, 20.0326,
56.2734

■ 17.2605, 17.1524,
55.8279

■ 15.6664, 14.7116,
55.4408

Harmonies

Analogous

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



51.9583, 55.0264, 60.9367



52.1811, 55.0264, 61.2970



52.4367, 55.0264, 61.2847

Triad

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



52.1811, 55.0264, 61.2970



52.7773, 55.0264, 59.5266



51.9468, 55.0264, 58.9363

Complementary

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



52.1811, 55.0264, 61.2970



52.7663, 55.3801, 58.9481

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.



52.1654, 55.0264, 58.5646



52.1811, 55.0264, 61.2970



52.6451, 55.0264, 58.9036

Square

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



52.1811, 55.0264, 61.2970



52.7815, 55.0264, 60.2585



52.4210, 55.0264, 58.5527



51.8233, 55.0264, 59.5716

Rectangle

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



52.1811, 55.0264, 61.2970



52.5914, 55.0264, 61.0668



52.4210, 55.0264, 58.5527



52.0116, 55.0264, 58.7766

Sweetspot

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



52.1827, 55.0288, 61.2982



93.7133, 98.7101, 108.7215



52.3993, 55.8409, 60.2022



20.0726, 21.1416, 23.2728



0.0000, 0.0000, 0.0000



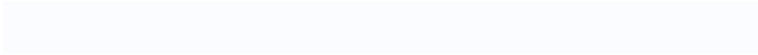
20.3446, 21.4041, 23.3091

Same Dimension

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



52.1827, 55.0288, 61.2982



92.3917, 97.4319, 108.5444



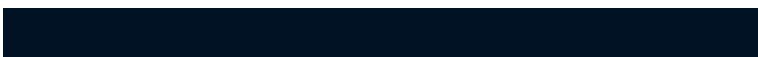
51.7486, 54.1607, 61.1535



11.6633, 12.2974, 13.6764



9.6261, 8.6460, 35.9059



0.5282, 0.5543, 1.7243

Inverse Universe

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



52.5455, 54.5759, 59.9921



93.0373, 96.6262, 106.2204



53.2060, 56.2594, 59.0946



11.7386, 12.2034, 13.4056



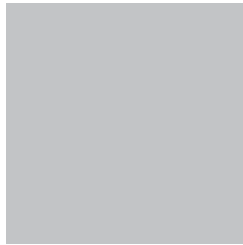
16.6581, 8.4128, 8.6755



0.8253, 0.4130, 0.6033

Previews

White Background



This preview shows how the XYZ color 52.1811, 55.0264, 61.2970 looks on a white background.

Color Contrast Check

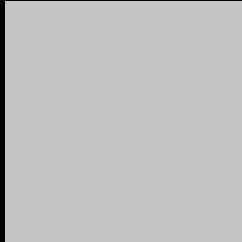
Large Text (above 18pt) WCAG AA × Fail

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 52.1811, 55.0264, 61.2970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

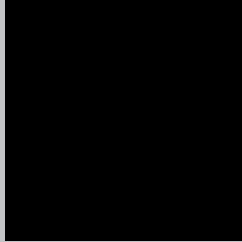
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

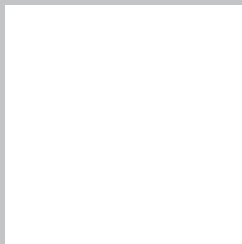
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.1811, 55.0264, 61.2970

Background



This preview shows how black text looks on a background with the XYZ color 52.1811, 55.0264, 61.2970.

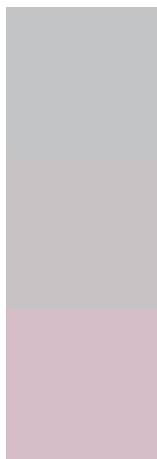


This preview shows how white text looks on a background with the XYZ color 52.1811, 55.0264,

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

52.1811, 55.0264, 61.2970

Protanopia

53.1463, 55.2035, 60.6776

Deuteranopia

56.1628, 55.0966, 61.7074



Tritanopia

53.6896, 54.9725, 68.7538

Trichromacy



Original Color

52.1811, 55.0264, 61.2970

Protanomaly

52.6191, 54.9317, 60.6529

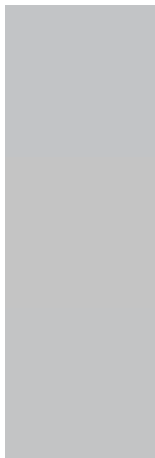
Deuteranomaly

54.6120, 54.9446, 61.7598

Tritanomaly

53.1614, 55.0885, 66.2238

Monochromacy



Original Color

52.1811, 55.0264, 61.2970

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 52.1811, 55.0264, 61.2970 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(194, 196, 198) looks like.

```
.text, #text, p{  
    color:rgb(194, 196, 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(194, 196, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 196, 198) }
```

Border

The CSS property to change the border of an element to XYZ 52.1811, 55.0264, 61.2970 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(194, 196, 198) }
```


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

```
.border{ border-color:rgb(194, 196, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 196, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 196, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 196, 198);  
box-shadow:4px 4px 4px 4px rgb(194, 196,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1811, 55.0264, 61.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 196, 198) }
```

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

```
.background{ background-color: rgb(194,  
196, 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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