

Converting Colors

XYZ(51.1459, 55.2173, 59.0120)

Have a look what the booklet for
XYZ(51.1459, 55.2173, 59.0120)
contains.

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Color

**XYZ(51.1669, 55.2304,
59.0027)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC6C2
RGB	190, 198, 194
RGB Percent	75%, 78%, 76%
CMY	0.2549, 0.2235, 0.2392
CMYK	0.04, 0.00, 0.02, 0.22
HSL	150°, 7%, 76%
HSV	150°, 4%, 78%
XYZ	51.1669, 55.2304, 59.0027
YIQ	195.1520, -3.4840, -2.9400

Conversions

Conversions Part 2

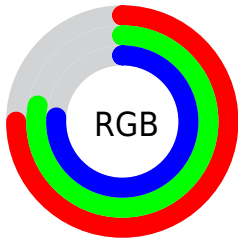
Format	Color
RYB	190, 195, 198
Decimal	12502722
CIELab	79.17, -3.49, 1.04
CIELCh	79, 3.640, 163.433
Yxy	55.2304, 0.3094, 0.3339
Android (android.graphics.Color)	4290692802 (0xFFBEC6C2)
YUV	195.1520, -0.5679, -4.5183
Hunter-Lab	74.3172, -7.1589, 4.9498

Details

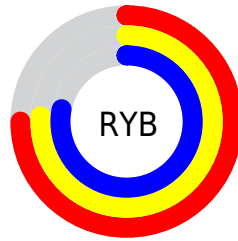
The XYZ color **51.1669, 55.2304, 59.0027** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.4418, 52.7291, 58.5081**, and the grayscale version is **51.9684, 54.6749, 59.5409**.

A 20% lighter version of the original color is **91.0214, 98.0150, 104.5639**, and **25.0234, 27.1583, 28.7342** is the 20% darker color. If you saturate the color by 10%, you get **45.4781, 52.4236, 53.1227**, and if you desaturate by 10%, it is **57.6049, 58.4180, 65.3071**.

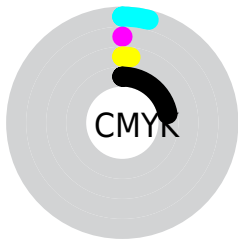
Distribution



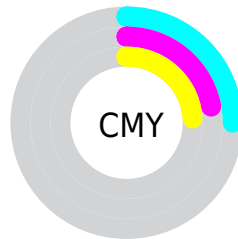
- Red (75%)
- Green (78%)
- Blue (76%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (22%)



- Cyan (25%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.1669, 55.2304, 59.0027 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 51.1669, 55.2304, 59.0027 by changing the saturation by 10% instead.

■ 51.1669, 55.2304,
59.0027

■ 51.1669, 55.2304,
59.0027

381.5889,
406.7847, 438.6141

■ 36.5630, 39.5862,
42.1953

■ 91.0830, 97.8784,
104.9107

■ 25.0415, 27.2161,
28.9275

117.1259,
125.6511, 134.8484

■ 16.2369, 17.7356,
18.7809

147.7125,
158.2354, 170.0000

■ 9.7838, 10.7603,
11.3368

183.2082,
196.0156, 210.7839

■ 5.3170, 5.9059,
6.1769

223.9783,
239.3763, 257.6187

■ 2.4711, 2.7879,
2.8824

270.3882,

■ 0.8807, 1.0220,

288.7018, 310.9230

1.0349

322.8033,
344.3765, 371.1153

■ 0.0000, 0.0000,
0.0000

■ 51.1669, 55.2304,
59.0027

■ 51.1669, 55.2304,
59.0027

■ 45.4781, 52.4236,
53.1227

■ 57.6049, 58.4180,
65.3071

■ 40.5055, 49.9759,
47.6547

■ 64.8141, 61.9929,
72.0407

■ 36.2204, 47.8745,
42.5907

■ 72.8215, 65.9705,
79.2131

■ 32.5904, 46.1028,
37.9213

■ 76.2316, 67.5689,
86.5787

■ 29.5803, 44.6428,
33.6365

■ 77.6918, 68.1530,
94.2680

■ 27.1517, 43.4748,
29.7262

■ 79.2328, 68.7694,
102.3826

■ 25.2613, 42.5768,
26.1793

■ 79.4852, 68.8703,
103.7117

■ 23.8596, 41.9235,
22.9844

■ 22.8868, 41.4842,
20.1291

Harmonies

Analogous

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



51.5400, 55.2304, 57.2771



51.1669, 55.2304, 59.0027



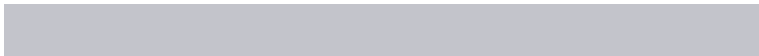
51.1475, 55.2304, 61.0710

Triad

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



51.1669, 55.2304, 59.0027



52.8201, 55.2304, 64.1134



53.5161, 55.2304, 57.4270

Complementary

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



51.1669, 55.2304, 59.0027



51.4418, 52.7291, 58.5081

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.



53.8657, 55.2304, 59.2116



51.1669, 55.2304, 59.0027



53.4614, 55.2304, 63.0895

Square

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



51.1669, 55.2304, 59.0027



52.0974, 55.2304, 64.0543



53.8456, 55.2304, 61.2848



52.8943, 55.2304, 56.3818

Rectangle

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



51.1669, 55.2304, 59.0027



51.3374, 55.2304, 62.3684



53.8456, 55.2304, 61.2848



53.6696, 55.2304, 57.9585

Sweetspot

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



51.1685, 55.2328, 59.0039



93.9133, 99.4377, 107.7784



51.7727, 55.5955, 56.7182



20.1133, 21.2897, 23.0809



0.0000, 0.0000, 0.0000



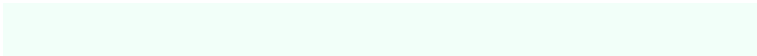
20.3446, 21.4041, 23.3091

Same Dimension

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



51.1685, 55.2328, 59.0039



89.5039, 97.2575, 103.3694



51.6089, 55.4089, 61.3232



11.2007, 12.2148, 12.9463



14.6393, 26.8681, 12.3112



0.7297, 1.2868, 0.7755

Inverse Universe

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



51.4418, 52.7291, 58.5081



90.1074, 91.7295, 102.2746



51.0127, 52.5575, 56.2484



11.2847, 11.4450, 12.7939



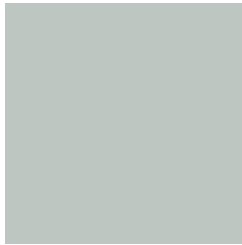
16.6543, 8.4113, 8.6552



0.8251, 0.4129, 0.6024

Previews

White Background



This preview shows how the XYZ color 51.1669, 55.2304, 59.0027 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 51.1669, 55.2304, 59.0027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

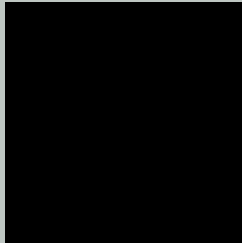
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

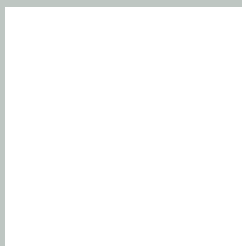
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.1669, 55.2304, 59.0027

Background



This preview shows how black text looks on a background with the XYZ color 51.1669, 55.2304, 59.0027.



This preview shows how white text looks on a background with the XYZ color 51.1669, 55.2304,

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

51.1669, 55.2304, 59.0027

Protanopia

52.8490, 55.1153, 57.7221

Deuteranopia

56.4016, 55.2595, 59.9180



Tritanopia

53.2653, 55.0708, 69.4504

Trichromacy



Original Color

51.1669, 55.2304, 59.0027

Protanomaly

52.1305, 55.0659, 58.3333

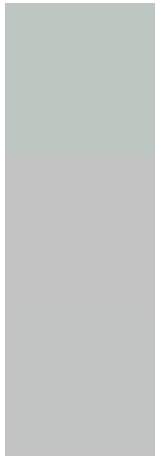
Deuteranomaly

54.3739, 55.2019, 59.4190

Tritanomaly

52.4976, 55.0941, 65.6249

Monochromacy



Original Color

51.1669, 55.2304, 59.0027

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.5826, 54.7574, 59.4803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1669, 55.2304, 59.0027 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(190, 198, 194) looks like.

```
.text, #text, p{  
    color:rgb(190, 198, 194)  
}
```

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(190, 198, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 198, 194) }
```

Border

The CSS property to change the border of an element to XYZ 51.1669, 55.2304, 59.0027 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(190, 198, 194) }
```


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

```
.border{ border-color:rgb(190, 198, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 198, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 198, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 198, 194);  
box-shadow:4px 4px 4px 4px rgb(190, 198,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1669, 55.2304, 59.0027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 198, 194) }
```

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

```
.background{ background-color: rgb(190,  
198, 194) }
```

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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