

Converting Colors

XYZ(51.7158, 55.1740, 61.5604)

Have a look what the booklet for
XYZ(51.7158, 55.1740, 61.5604)
contains.

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Color

**XYZ(51.6452, 55.0861,
61.3368)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC5C6
RGB	191, 197, 198
RGB Percent	75%, 77%, 78%
CMY	0.2510, 0.2274, 0.2235
CMYK	0.04, 0.01, 0.00, 0.22
HSL	189°, 6%, 76%
HSV	189°, 4%, 78%
XYZ	51.6452, 55.0861, 61.3368
YIQ	195.3200, -3.8970, -0.9610

Conversions

Conversions Part 2

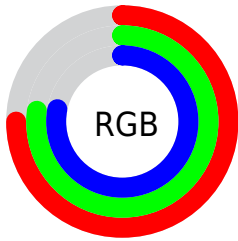
Format	Color
RYB	191, 194, 198
Decimal	12568006
CIELab	79.09, -1.87, -1.23
CIELCh	79, 2.235, 213.316
Yxy	55.0861, 0.3073, 0.3278
Android (android.graphics.Color)	4290758086 (0xFFBFC5C6)
YUV	195.3200, 1.3212, -3.7886
Hunter-Lab	74.2200, -5.6777, 2.9556

Details

The XYZ color **51.6452, 55.0861, 61.3368** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.5425, 53.4662, 56.8946**, and the grayscale version is **52.0579, 54.7690, 59.6434**.

A 20% lighter version of the original color is **91.8496, 97.8778, 108.6591**, and **25.3377, 27.0618, 30.2736** is the 20% darker color. If you saturate the color by 10%, you get **46.3647, 51.4237, 60.9090**, and if you desaturate by 10%, it is **57.6140, 59.1241, 61.8025**.

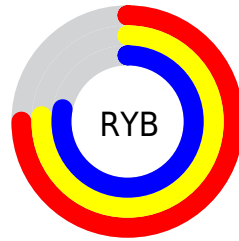
Distribution



Red (75%)

Green (77%)

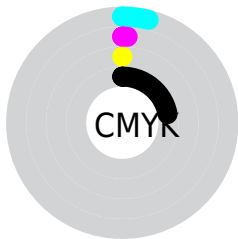
Blue (78%)



Red (75%)

Yellow (76%)

Blue (78%)

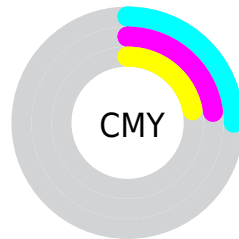


Cyan (4%)

Magenta (1%)

Yellow (0%)

Black (22%)



Cyan (25%)

Magenta (23%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.6452, 55.0861, 61.3368 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 51.6452, 55.0861, 61.3368 by changing the saturation by 10% instead.

■ 51.6452, 55.0861,
61.3368

■ 51.6452, 55.0861,
61.3368

383.4118,
406.2382, 447.4485

■ 36.9455, 39.4707,
44.0647

■ 91.7851, 97.6671,
108.3287

■ 25.3388, 27.1261,
30.3838

117.9560,
125.4014, 138.8856

■ 16.4597, 17.6679,
19.8756

148.6813,
157.9442, 174.7079

■ 9.9429, 10.7118,
12.1215

184.3264,
195.6798, 216.2141

■ 5.4231, 5.8734,
6.7029

225.2567,
238.9926, 263.8227

■ 2.5349, 2.7683,
3.2014

271.8374,

■ 0.9129, 1.0120,

288.2670, 317.9523

1.1984

324.4340,
343.8874, 379.0214

■ 0.0000, 0.0000,
0.0000

■ 51.6452, 55.0861,
61.3368

■ 51.6452, 55.0861,
61.3368

■ 46.3647, 51.4237,
60.9090

■ 57.6140, 59.1241,
61.8025

■ 41.7408, 48.1161,
60.5143

■ 64.2918, 63.5440,
62.3036

■ 37.7466, 45.1506,
60.1524

■ 71.7043, 68.3606,
62.8426

■ 34.3511, 42.5112,
59.8219

■ 74.0583, 70.5875,
63.1484

■ 31.5210, 40.1807,
59.5213

■ 74.7532, 71.9772,
63.3800

■ 29.2193, 38.1399,
59.2487

■ 75.4604, 73.3916,
63.6158

■ 27.4049, 36.3675,
59.0022

■ 76.1799, 74.8306,
63.8556

■ 26.0301, 34.8389,
58.7796

■ 76.9118, 76.2945,
64.0996

■ 25.0378, 33.5244,
58.5782

■ 77.6562, 77.7833,
64.3477

Harmonies

Analogous

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



51.5073, 55.0861, 60.1214



51.6452, 55.0861, 61.3368



51.9740, 55.0861, 62.1979

Triad

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



51.6452, 55.0861, 61.3368



53.1267, 55.0861, 61.0877



52.3082, 55.0861, 57.5637

Complementary

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



51.6452, 55.0861, 61.3368



51.5425, 53.4662, 56.8946

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.



52.7433, 55.0861, 57.8143



51.6452, 55.0861, 61.3368



53.2174, 55.0861, 59.8376

Square

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



51.6452, 55.0861, 61.3368



52.8295, 55.0861, 62.0527



53.0767, 55.0861, 58.6422



51.8887, 55.0861, 57.9528

Rectangle

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



51.6452, 55.0861, 61.3368



52.2581, 55.0861, 62.4488



53.0767, 55.0861, 58.6422



52.4574, 55.0861, 57.5760

Sweetspot

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



51.6468, 55.0884, 61.3380



94.0023, 99.2881, 108.8178



51.1879, 55.2683, 57.8013



20.1314, 21.2592, 23.2924



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.



51.6468, 55.0884, 61.3380



90.9348, 97.1932, 108.5751



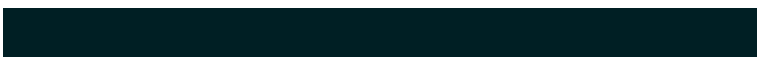
50.8753, 53.5455, 61.0809



11.3763, 12.1893, 13.6707



16.0008, 21.3955, 38.0308



0.7939, 1.0856, 1.8128

Inverse Universe

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



51.9988, 53.2997, 60.3733



91.6489, 93.5707, 106.6169



52.3059, 54.9930, 57.1490



11.4800, 11.6646, 13.3862



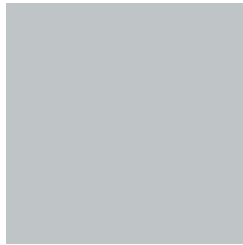
19.8758, 9.6999, 25.6195



0.9594, 0.4666, 1.3094

Previews

White Background



This preview shows how the XYZ color 51.6452, 55.0861, 61.3368 looks on a white background.

Color Contrast Check

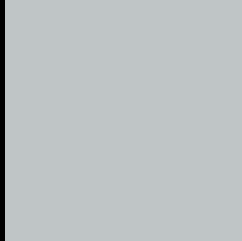
Large Text (above 18pt) WCAG AA × Fail

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 51.6452, 55.0861, 61.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

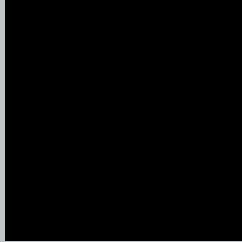
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

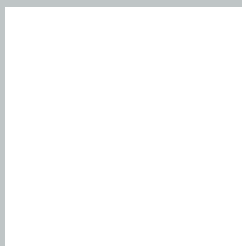
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.6452, 55.0861, 61.3368

Background



This preview shows how black text looks on a background with the XYZ color 51.6452, 55.0861, 61.3368.

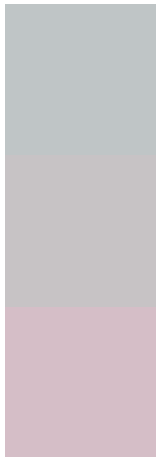


This preview shows how white text looks on a background with the XYZ color 51.6452, 55.0861,

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

51.6452, 55.0861, 61.3368

Protanopia

53.1463, 55.2035, 60.6776

Deuteranopia

56.1628, 55.0966, 61.7074



Tritanopia

53.1403, 55.0208, 68.7921

Trichromacy



Original Color

51.6452, 55.0861, 61.3368

Protanomaly

52.5829, 55.2468, 60.7156

Deuteranomaly

54.5556, 55.2426, 61.8203

Tritanomaly

52.6187, 55.1426, 66.2628

Monochromacy



Original Color

51.6452, 55.0861, 61.3368

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.9519, 54.9347, 60.0899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6452, 55.0861, 61.3368 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(191, 197, 198)` looks like.

```
.text, #text, p{  
    color:rgb(191, 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(191, 197, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 197, 198) }
```

Border

The CSS property to change the border of an element to XYZ 51.6452, 55.0861, 61.3368 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(191, 197, 198) }
```


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

```
.border{ border-color:rgb(191, 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(191, 197, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 197, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 197, 198);  
box-shadow:4px 4px 4px 4px rgb(191, 197,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6452, 55.0861, 61.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 197, 198) }
```

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

```
.background{ background-color: rgb(191,  
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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