

Converting Colors

XYZ(51.0965, 56.0675, 61.3402)

Have a look what the booklet for
XYZ(51.0965, 56.0675, 61.3402)
contains.

| | |
|--|----|
| XYZ(51.3294, 56.2896, 61.5857) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(51.3294, 56.2896,
61.5857)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | BAC9C6 |
| RGB | 186, 201, 198 |
| RGB Percent | 73%, 79%, 78% |
| CMY | 0.2706, 0.2117, 0.2235 |
| CMYK | 0.07, 0.00, 0.01, 0.21 |
| HSL | 168°, 12%, 76% |
| HSV | 168°, 7%, 79% |
| XYZ | 51.3294, 56.2896, 61.5857 |
| YIQ | 196.1730, -7.9770, -4.1130 |

Conversions

Conversions Part 2

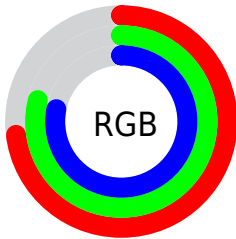
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 186, 194, 201 |
| Decimal | 12241350 |
| CIE Lab | 79.78, -5.66, -0.27 |
| CIE LCh | 80, 5.671, 182.682 |
| Yxy | 56.2896, 0.3034, 0.3327 |
| Android (android.graphics.Color) | 4290431430 (0xFFBAC9C6) |
| YUV | 196.1730, 0.9007, -8.9217 |
| Hunter-Lab | 75.0264, -9.1752, 3.8501 |

Details

The XYZ color **51.3294, 56.2896, 61.5857** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.8337, 51.2110, 55.3523**, and the grayscale version is **52.5727, 55.3105, 60.2332**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **25.1406, 27.8676, 30.4395** is the 20% darker color. If you saturate the color by 10%, you get **46.3280, 53.7658, 58.9620**, and if you desaturate by 10%, it is **57.0333, 59.1773, 64.3089**.

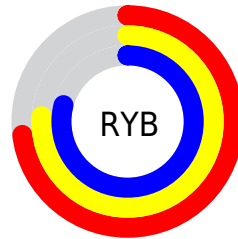
Distribution



Red (73%)

Green (79%)

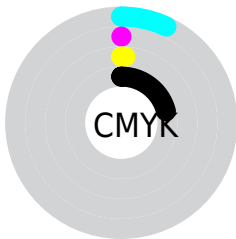
Blue (78%)



Red (73%)

Yellow (76%)

Blue (79%)

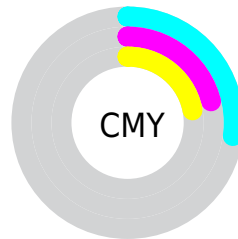


Cyan (7%)

Magenta (0%)

Yellow (1%)

Black (21%)



Cyan (27%)

Magenta (21%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.3294, 56.2896, 61.5857 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 51.3294, 56.2896, 61.5857 by changing the saturation by 10% instead.

■ 51.3294, 56.2896,
61.5857

■ 51.3294, 56.2896,
61.5857

382.2088,
410.7820, 448.3841

■ 36.6929, 40.4352,
44.2644

■ 91.3216, 99.4279,
108.6923

■ 25.1424, 27.8780,
30.5397

117.4080,
127.4805, 139.3147

■ 16.3125, 18.2337,
19.9931

148.0418,
160.3680, 175.2078

■ 9.8378, 11.1179,
12.2060

183.5884,
198.4747, 216.7903

■ 5.3530, 6.1462,
6.7599

224.4130,
242.1851, 264.4806

■ 2.4927, 2.9342,
3.2362

270.8810,

■ 0.8916, 1.0975,

291.8835, 318.6973

1.2165

323.3579,
347.9543, 379.8590

■ 0.0000, 0.0000,
0.0000

■ 51.3294, 56.2896,
61.5857

■ 51.3294, 56.2896,
61.5857

■ 46.3280, 53.7658,
58.9620

■ 57.0333, 59.1773,
64.3089

■ 41.9956, 51.5839,
56.4324

■ 63.4617, 62.4355,
67.1298

■ 38.3033, 49.7305,
53.9961


■ 70.6419, 66.0798,
70.0511


■ 35.2180, 48.1887,
51.6510


■ 74.2775, 67.8953,
72.8724


■ 32.7038, 46.9398,
49.3951


■ 74.7981, 68.1036,
75.6142

 30.7206, 45.9634,
47.2259


 75.3316, 68.3169,
78.4233


 29.2234, 45.2362,
45.1407

 75.8779, 68.5355,
81.3003

 28.1593, 44.7309,
43.1366

 76.4372, 68.7592,
84.2454

 27.4545, 44.4095,
41.2096

 77.0096, 68.9881,
87.2594

Harmonies

Analogous

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



51.5666, 56.2896, 58.4375



51.3294, 56.2896, 61.5857



51.6673, 56.2896, 64.7628

Triad

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



51.3294, 56.2896, 61.5857



54.7009, 56.2896, 66.7593



54.5198, 56.2896, 55.8494

Complementary

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



51.3294, 56.2896, 61.5857



50.8337, 51.2110, 55.3523

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.



55.3787, 56.2896, 57.9432



51.3294, 56.2896, 61.5857



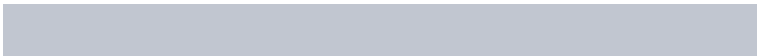
55.4844, 56.2896, 64.2334

Square

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



51.3294, 56.2896, 61.5857



53.6048, 56.2896, 67.8157



55.7342, 56.2896, 60.9949



53.3985, 56.2896, 55.1966

Rectangle

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



51.3294, 56.2896, 61.5857



52.1761, 56.2896, 66.4496



55.7342, 56.2896, 60.9949



54.8493, 56.2896, 56.4043

Sweetspot

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



51.3310, 56.2920, 61.5869



93.0346, 98.9799, 107.9500



50.7997, 56.1717, 54.6201



19.9343, 21.1965, 23.1158



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.



51.3310, 56.2920, 61.5869



86.3740, 95.6118, 104.6793



50.7036, 54.4773, 63.1039



10.8522, 12.0298, 13.1719



17.1978, 27.8915, 25.7842



0.8381, 1.3302, 1.3463

Inverse Universe

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



50.8337, 51.2110, 55.3523



85.3448, 85.0950, 91.7751



51.4199, 52.8997, 53.9558



10.7192, 10.6711, 11.5048



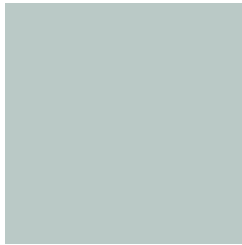
15.4151, 7.9156, 2.1299



0.7563, 0.3854, 0.2397

Previews

White Background



This preview shows how the XYZ color 51.3294, 56.2896, 61.5857 looks on a white background.

Color Contrast Check

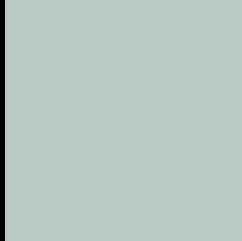
Large Text (above 18pt) WCAG AA × Fail

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 51.3294, 56.2896, 61.5857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

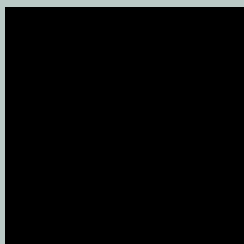
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

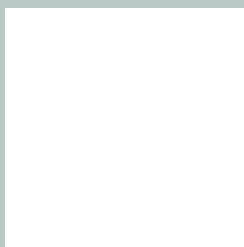
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.3294, 56.2896, 61.5857

Background



This preview shows how black text looks on a background with the XYZ color 51.3294, 56.2896, 61.5857.

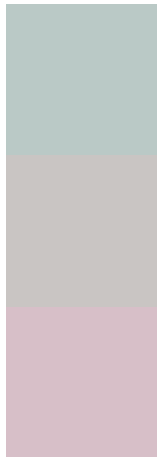


This preview shows how white text looks on a background with the XYZ color 51.3294, 56.2896, 61.5857.

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

51.3294, 56.2896, 61.5857

Protanopia

53.9040, 56.2901, 59.6538

Deuteranopia

57.0805, 55.8788, 62.4208



Tritanopia

53.5473, 56.5207, 71.7057

Trichromacy



Original Color

51.3294, 56.2896, 61.5857

Protanomaly

52.9228, 56.1095, 60.2654

Deuteranomaly

54.7257, 55.9911, 61.9558

Tritanomaly

52.7785, 56.5540, 67.8088

Monochromacy



Original Color

51.3294, 56.2896, 61.5857

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.0104, 55.6259, 60.8189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3294, 56.2896, 61.5857 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(186, 201, 198)` looks like.

```
.text, #text, p{  
    color:rgb(186, 201, 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(186, 201, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 201, 198) }
```

Border

The CSS property to change the border of an element to XYZ 51.3294, 56.2896, 61.5857 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(186, 201, 198) }
```


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

```
.border{ border-color:rgb(186, 201, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 201, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 201, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 201, 198);  
box-shadow:4px 4px 4px 4px rgb(186, 201,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3294, 56.2896, 61.5857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 201, 198) }
```

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

```
.background{ background-color: rgb(186,  
201, 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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