

Converting Colors

XYZ(50.0593, 53.9228, 61.6268)

Have a look what the booklet for
XYZ(50.0593, 53.9228, 61.6268)
contains.

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Color

**XYZ(50.0563, 53.9177,
61.8017)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C4C7
RGB	185, 196, 199
RGB Percent	73%, 77%, 78%
CMY	0.2745, 0.2314, 0.2196
CMYK	0.07, 0.02, 0.00, 0.22
HSL	193°, 11%, 75%
HSV	193°, 7%, 78%
XYZ	50.0563, 53.9177, 61.8017
YIQ	193.0530, -7.5190, -1.3990

Conversions

Conversions Part 2

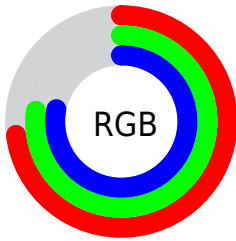
Format	Color
RYB	185, 191, 199
Decimal	12174535
CIELab	78.41, -3.18, -2.81
CIELCh	78, 4.242, 221.506
Yxy	53.9177, 0.3020, 0.3252
Android (android.graphics.Color)	4290364615 (0xFFB9C4C7)
YUV	193.0530, 2.9319, -7.0625
Hunter-Lab	73.4287, -6.8168, 1.4983

Details

The XYZ color **50.0563, 53.9177, 61.8017** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.2935, 51.6108, 53.2109**, and the grayscale version is **50.7075, 53.3482, 58.0962**.

A 20% lighter version of the original color is **89.4509, 96.1713, 108.4561**, and **24.2996, 26.2959, 30.5829** is the 20% darker color. If you saturate the color by 10%, you get **44.6408, 49.7211, 61.2779**, and if you desaturate by 10%, it is **56.1742, 58.5198, 62.3684**.

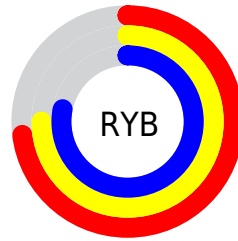
Distribution



Red (73%)

Green (77%)

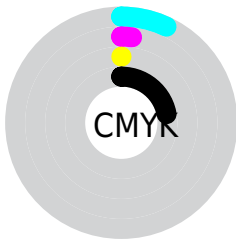
Blue (78%)



Red (73%)

Yellow (75%)

Blue (78%)

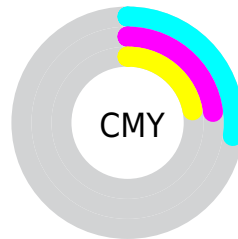


Cyan (7%)

Magenta (2%)

Yellow (0%)

Black (22%)



Cyan (27%)

Magenta (23%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.0563, 53.9177, 61.8017 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 50.0563, 53.9177, 61.8017 by changing the saturation by 10% instead.

■ 50.0563, 53.9177,
61.8017

■ 50.0563, 53.9177,
61.8017

377.3344,
401.7961, 449.1951

■ 35.6761, 38.5359,
44.4377

■ 89.4496, 95.9534,
109.0077

■ 24.3531, 26.3989,
30.6751

115.1934,
123.3760, 139.6868

■ 15.7219, 17.1223,
20.0952

145.4559,
155.5811, 175.6414

■ 9.4172, 10.3217,
12.2795

180.6023,
192.9529, 217.2899

■ 5.0736, 5.6128,
6.8095

220.9980,
235.8760, 265.0511

■ 2.3257, 2.6111,
3.2666

267.0083,

■ 0.8078, 0.9322,

284.7346, 319.3433

1.2323

318.9987,
339.9131, 380.5851

■ 0.0000, 0.0000,
0.0053

■ 0.0000, 0.0000,
0.0000

■ 50.0563, 53.9177,
61.8017

■ 50.0563, 53.9177,
61.8017

■ 44.6408, 49.7211,
61.2779

■ 56.1742, 58.5198,
62.3684

■ 39.8949, 45.9085,
60.7922

■ 63.0161, 63.5345,
62.9757

■ 35.7905, 42.4664,
60.3441

■ 70.6086, 68.9773,
63.6261

■ 32.2951, 39.3777,
59.9322

■ 75.3541, 72.9938,
64.1513

■ 29.3738, 36.6241,
59.5546

■ 76.4400, 75.1656,
64.5132

■ 26.9875, 34.1852,
59.2096

■ 77.5542, 77.3941,
64.8846

■ 25.0925, 32.0380,
58.8951

■ 78.6970, 79.6797,
65.2656

■ 23.6374, 30.1556,
58.6084

■ 79.8686, 82.0228,
65.6561

■ 22.5531, 28.5021,
58.3464

■ 81.0691, 84.4239,
66.0563

Harmonies

Analogous

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



49.6927, 53.9177, 59.6275



50.0563, 53.9177, 61.8017



50.7405, 53.9177, 63.1685

Triad

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



50.0563, 53.9177, 61.8017



52.7821, 53.9177, 60.1752



50.9282, 53.9177, 54.3235

Complementary

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



50.0563, 53.9177, 61.8017



50.2935, 51.6108, 53.2109

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.



51.7572, 53.9177, 54.4611



50.0563, 53.9177, 61.8017



52.8337, 53.9177, 57.7965

Square

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



50.0563, 53.9177, 61.8017



52.3166, 53.9177, 62.2120



52.4568, 53.9177, 55.7178



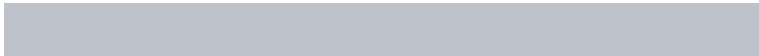
50.1924, 53.9177, 55.3366

Rectangle

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



50.0563, 53.9177, 61.8017



51.2893, 53.9177, 63.4160



52.4568, 53.9177, 55.7178



51.2051, 53.9177, 54.2374

Sweetspot

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



50.0578, 53.9200, 61.8029



92.8512, 98.3510, 108.6976



49.4874, 54.7842, 55.4309



19.8970, 21.0685, 23.2679



0.0000, 0.0000, 0.0000



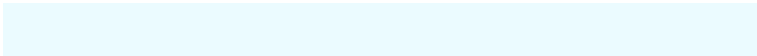
20.3446, 21.4041, 23.3091

Same Dimension

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



50.0578, 53.9200, 61.8029



86.5618, 93.5796, 108.1081



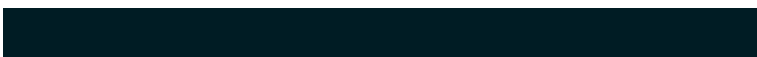
48.5578, 50.9199, 61.3029



10.7466, 11.6673, 13.6031



14.3828, 18.1595, 37.4914



0.7305, 0.9588, 1.7917

Inverse Universe

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



50.8671, 50.8265, 59.3568



88.1888, 87.3898, 103.1839



51.7813, 54.5864, 53.7068



10.9821, 10.7762, 12.8892



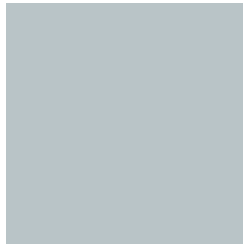
19.0591, 9.3732, 21.3189



0.9274, 0.4538, 1.1410

Previews

White Background



This preview shows how the XYZ color 50.0563, 53.9177, 61.8017 looks on a white background.

Color Contrast Check

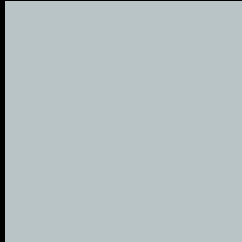
Large Text (above 18pt) WCAG AA × Fail

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 50.0563, 53.9177, 61.8017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

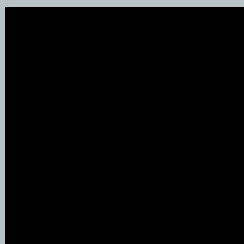
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

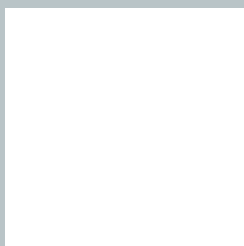
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.0563, 53.9177, 61.8017

Background



This preview shows how black text looks on a background with the XYZ color 50.0563, 53.9177, 61.8017.



This preview shows how white text looks on a background with the XYZ color 50.0563, 53.9177,

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

50.0563, 53.9177, 61.8017

Protanopia

51.9130, 53.9069, 60.4923

Deuteranopia

54.8203, 53.7388, 62.7416



Tritanopia

51.4182, 53.8015, 68.6475

Trichromacy



Original Color

50.0563, 53.9177, 61.8017

Protanomaly

51.2231, 53.8673, 61.1238

Deuteranomaly

52.8755, 53.7111, 62.2240

Tritanomaly

50.9054, 53.9255, 66.1182

Monochromacy



Original Color

50.0563, 53.9177, 61.8017

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.3773, 53.4709, 59.2955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0563, 53.9177, 61.8017 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(185, 196, 199) looks like.

```
.text, #text, p{  
    color:rgb(185, 196, 199)  
}
```

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(185, 196, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 196, 199) }
```

Border

The CSS property to change the border of an element to XYZ 50.0563, 53.9177, 61.8017 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(185, 196, 199) }
```


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

```
.border{ border-color:rgb(185, 196, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 196, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 196, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 196, 199);  
box-shadow:4px 4px 4px 4px rgb(185, 196,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0563, 53.9177, 61.8017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 196, 199) }
```

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

```
.background{ background-color: rgb(185,  
196, 199) }
```

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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