

Converting Colors

XYZ(53.5278, 58.8738, 69.0622)

Have a look what the booklet for
XYZ(53.5278, 58.8738, 69.0622)
contains.

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Color

**XYZ(53.5875, 59.0604,
68.8970)**

Conversions

Conversions Part 1

Format	Color
Hex	B9CED1
RGB	185, 206, 209
RGB Percent	73%, 81%, 82%
CMY	0.2745, 0.1921, 0.1804
CMYK	0.11, 0.01, 0.00, 0.18
HSL	187°, 21%, 77%
HSV	187°, 11%, 82%
XYZ	53.5875, 59.0604, 68.8970
YIQ	200.0630, -13.4790, -3.5190

Conversions

Conversions Part 2

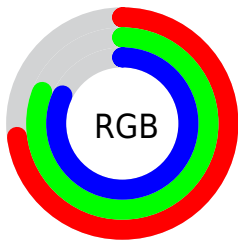
Format	Color
R_{YB}	185, 196, 209
Decimal	12177105
CIE Lab	81.32, -6.44, -3.90
CIE LCh	81, 7.534, 211.188
Yxy	59.0604, 0.2952, 0.3253
Android (android.graphics.Color)	4290367185 (0xFFB9CED1)
YUV	200.0630, 4.4059, -13.2103
Hunter-Lab	76.8508, -10.0220, 0.6418

Details

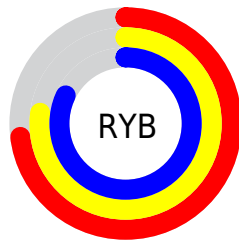
The XYZ color **53.5875, 59.0604, 68.8970** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.0349, 53.0241, 53.3393**, and the grayscale version is **54.9196, 57.7797, 62.9221**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **26.6604, 29.7286, 35.3434** is the 20% darker color. If you saturate the color by 10%, you get **48.2889, 55.4055, 68.4717**, and if you desaturate by 10%, it is **59.6411, 63.1232, 69.3631**.

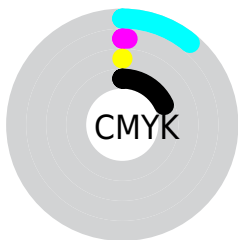
Distribution



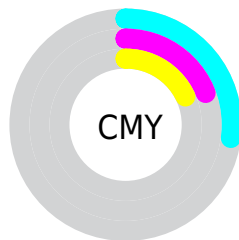
- Red (73%)
- Green (81%)
- Blue (82%)



- Red (73%)
- Yellow (77%)
- Blue (82%)



- Cyan (11%)
- Magenta (1%)
- Yellow (0%)
- Black (18%)



- Cyan (27%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5875, 59.0604, 68.8970 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 53.5875, 59.0604, 68.8970 by changing the saturation by 10% instead.

■ 53.5875, 59.0604,
68.8970

■ 53.5875, 59.0604,
68.8970

390.7591,
421.1257, 475.3517

■ 38.5013, 42.6617,
50.1566

■ 94.6288, 103.4654,
119.3008

■ 26.5510, 29.6198,
35.1658

121.3146,
132.2406, 151.8012

■ 17.3711, 19.5502,
23.5060

152.5976,
165.9101, 189.7254

■ 10.5964, 12.0685,
14.7588

188.8433,
204.8583, 233.4919

■ 5.8614, 6.7903,
8.5055

230.4169,
249.4695, 283.5192

■ 2.8009, 3.3313,
4.3277

277.6838,

■ 1.0493, 1.3071,

300.1282, 340.2260

1.8068

331.0095,
357.2188, 404.0306

■ 0.0000, 0.1467,
0.4324

■ 0.0000, 0.0000,
0.0000

■ 53.5875, 59.0604,
68.8970

■ 53.5875, 59.0604,
68.8970

■ 48.2889, 55.4055,
68.4717

■ 59.6411, 63.1232,
69.3631

■ 43.7080, 52.1344,
68.0818

■ 66.4749, 67.6021,
69.8674

■ 39.8118, 49.2316,
67.7268

■ 74.1191, 72.5146,
70.4127

■ 36.5628, 46.6777,
67.4051

■ 77.4184, 75.2028,
70.7577

■ 33.9198, 44.4515,
67.1147

■ 78.0942, 76.5543,
70.9829

■ 31.8369, 42.5290,
66.8534

■ 78.7806, 77.9271,
71.2117

■ 30.2613, 40.8831,
66.6188

■ 79.4777, 79.3214,
71.4441

■ 29.1301, 39.4814,
66.4078

■ 80.1857, 80.7372,
71.6801

■ 28.4226, 38.4311,
66.2424

■ 80.9044, 82.1747,
71.9197

Harmonies

Analogous

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



53.1655, 59.0604, 64.4864



53.5875, 59.0604, 68.8970



54.6902, 59.0604, 72.1982

Triad

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



53.5875, 59.0604, 68.8970



58.8269, 59.0604, 68.5719



56.0725, 59.0604, 56.0302

Complementary

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



53.5875, 59.0604, 68.8970



53.0349, 53.0241, 53.3393

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.



57.6053, 59.0604, 57.0123



53.5875, 59.0604, 68.8970



59.2134, 59.0604, 64.1274

Square

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



53.5875, 59.0604, 68.8970



57.7158, 59.0604, 72.0044



58.7623, 59.0604, 59.9250



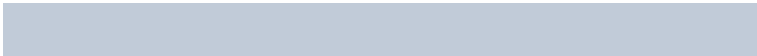
54.5836, 59.0604, 57.1782

Rectangle

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



53.5875, 59.0604, 68.8970



55.6731, 59.0604, 73.2511



58.7623, 59.0604, 59.9250



56.5997, 59.0604, 56.1218

Sweetspot

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



53.5892, 59.0629, 68.8983



91.9874, 97.9699, 108.6696



51.8645, 59.5384, 56.2234



19.5180, 20.8556, 23.2468



0.0000, 0.0000, 0.0000



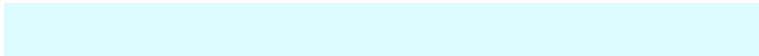
20.3446, 21.4041, 23.3091

Same Dimension

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



53.5892, 59.0629, 68.8983



81.7081, 91.0354, 107.8729



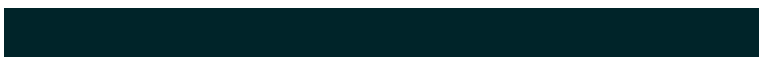
50.8535, 53.5914, 67.9864



12.0272, 13.1446, 15.1469



17.5740, 23.7946, 40.8591



1.0188, 1.4027, 2.2966

Inverse Universe

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



54.7853, 52.7106, 65.6821



83.9904, 79.0159, 101.7138



55.6603, 58.2750, 54.2144



12.2446, 11.9826, 14.5639



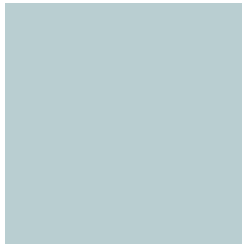
21.5013, 10.4734, 28.6096



1.2205, 0.5929, 1.6957

Previews

White Background



This preview shows how the XYZ color 53.5875, 59.0604, 68.8970 looks on a white background.

Color Contrast Check

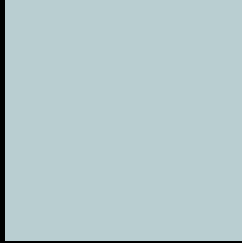
Large Text (above 18pt) WCAG AA × Fail

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 53.5875, 59.0604, 68.8970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

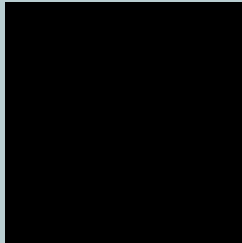
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

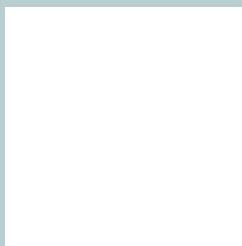
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.5875, 59.0604, 68.8970

Background



This preview shows how black text looks on a background with the XYZ color 53.5875, 59.0604, 68.8970.

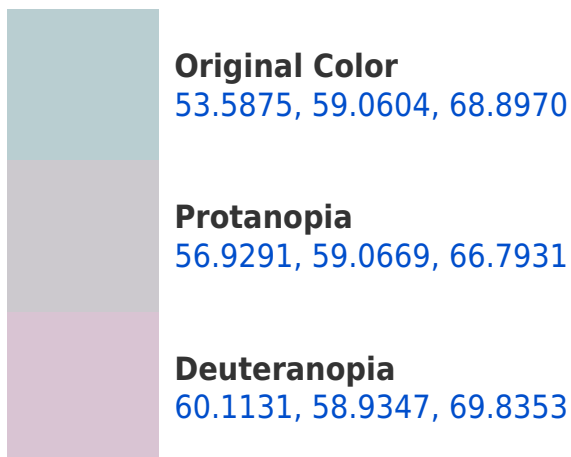


This preview shows how white text looks on a background with the XYZ color 53.5875, 59.0604,

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





Tritanopia

55.0047, 58.9178, 76.1834

Trichromacy



Original Color

53.5875, 59.0604, 68.8970

Protanomaly

55.6444, 59.0872, 67.5037

Deuteranomaly

57.4640, 58.9408, 69.3208

Tritanomaly

54.4757, 59.0596, 73.4942

Monochromacy



Original Color

53.5875, 59.0604, 68.8970

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.4057, 58.1550, 64.8575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5875, 59.0604, 68.8970 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, 206, 209)` looks like.

```
.text, #text, p{  
    color:rgb(185, 206, 209)  
}
```

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, 206, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 206, 209) }
```

Border

The CSS property to change the border of an element to XYZ 53.5875, 59.0604, 68.8970 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, 206, 209) }
```


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

```
.border{ border-color:rgb(185, 206, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 206, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 206, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 206, 209);  
box-shadow:4px 4px 4px 4px rgb(185, 206,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5875, 59.0604, 68.8970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 206, 209) }
```

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

```
.background{ background-color: rgb(185,  
206, 209) }
```

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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