

Converting Colors

XYZ(53.5690, 59.3049, 70.0517)

Have a look what the booklet for
XYZ(53.5690, 59.3049, 70.0517)
contains.

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Color

**XYZ(53.5991, 59.3961,
70.2676)**

Conversions

Conversions Part 1

Format	Color
Hex	B7CFD3
RGB	183, 207, 211
RGB Percent	72%, 81%, 83%
CMY	0.2823, 0.1882, 0.1725
CMYK	0.13, 0.02, 0.00, 0.17
HSL	189°, 24%, 77%
HSV	189°, 13%, 83%
XYZ	53.5991, 59.3961, 70.2676
YIQ	200.2800, -15.5880, -3.8440

Conversions

Conversions Part 2

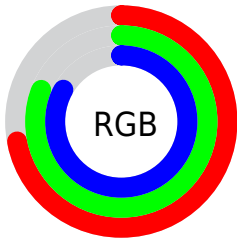
Format	Color
R_{YB}	183, 196, 211
Decimal	12046291
CIE _{Lab}	81.51, -7.21, -4.71
CIE _{LCh}	82, 8.613, 213.189
Yxy	59.3961, 0.2925, 0.3241
Android (android.graphics.Color)	4290236371 (0xFFB7CFD3)
YUV	200.2800, 5.2850, -15.1546
Hunter-Lab	77.0689, -10.7291, -0.1095

Details

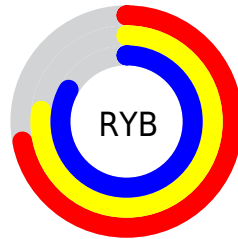
The XYZ color **53.5991, 59.3961, 70.2676** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.1818, 52.8081, 52.1907**, and the grayscale version is **55.0490, 57.9158, 63.0703**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **26.6830, 29.9626, 36.2753** is the 20% darker color. If you saturate the color by 10%, you get **48.2295, 55.5565, 69.8104**, and if you desaturate by 10%, it is **59.7385, 63.6563, 70.7673**.

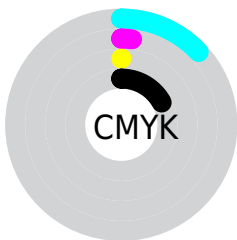
Distribution



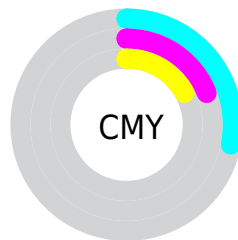
- Red (72%)
- Green (81%)
- Blue (83%)



- Red (72%)
- Yellow (77%)
- Blue (83%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (17%)



- Cyan (28%)
- Magenta (19%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5991, 59.3961, 70.2676 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 53.5991, 59.3961, 70.2676 by changing the saturation by 10% instead.

■ 53.5991, 59.3961,
70.2676

■ 53.5991, 59.3961,
70.2676

390.8027,
422.3682, 480.3035

■ 38.5106, 42.9321,
51.2666

■ 94.6457, 103.9531,
121.2750

■ 26.5583, 29.8318,
36.0426

121.3346,
132.8149, 154.1184

■ 17.3766, 19.7110,
24.1771

152.6209,
166.5781, 192.4131

■ 10.6003, 12.1851,
15.2517

188.8701,
205.6270, 236.5775

■ 5.8641, 6.8699,
8.8476

230.4476,
250.3461, 287.0302

■ 2.8025, 3.3809,
4.5465

277.7186,

■ 1.0502, 1.3337,

301.1197, 344.1897

1.9297

331.0485,
358.3323, 408.4747

■ 0.0000, 0.1670,
0.5115

■ 0.0000, 0.0000,
0.0000

■ 53.5991, 59.3961,
70.2676

■ 53.5991, 59.3961,
70.2676

■ 48.2295, 55.5565,
69.8104

■ 59.7385, 63.6563,
70.7673

■ 43.5910, 52.1128,
69.3902

■ 66.6738, 68.3461,
71.3069

■ 39.6494, 49.0489,
69.0066

■ 74.4364, 73.4831,
71.8894

■ 36.3656, 46.3443,
68.6576

■ 78.3432, 76.6535,
72.2954

■ 33.6967, 43.9770,
68.3413

■ 79.1364, 78.2399,
72.5598

■ 31.5946, 41.9220,
68.0555

■ 79.9438, 79.8548,
72.8289

■ 30.0037, 40.1504,
67.7974

■ 80.7657, 81.4985,
73.1029

■ 28.8570, 38.6277,
67.5639

■ 81.6020, 83.1710,
73.3816

■ 28.2580, 37.7030,
67.4170

■ 82.4527, 84.8726,
73.6652

Harmonies

Analogous

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



53.0592, 59.3961, 65.2268



53.5991, 59.3961, 70.2676



54.9031, 59.3961, 73.9558

Triad

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



53.5991, 59.3961, 70.2676



59.6089, 59.3961, 69.2602



56.2613, 59.3961, 55.2465

Complementary

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



53.5991, 59.3961, 70.2676



53.1818, 52.8081, 52.1907

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.



58.0342, 59.3961, 56.2001



53.5991, 59.3961, 70.2676



59.9911, 59.3961, 64.1209

Square

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



53.5991, 59.3961, 70.2676



58.3756, 59.3961, 73.3527



59.4090, 59.3961, 59.3821



54.5755, 59.3961, 56.7052

Rectangle

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



53.5991, 59.3961, 70.2676



56.0436, 59.3961, 75.0530



59.4090, 59.3961, 59.3821



56.8668, 59.3961, 55.2958

Sweetspot

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



53.6008, 59.3986, 70.2689



90.9337, 97.1911, 108.5748



51.7647, 60.2332, 55.7630



19.3027, 20.6924, 23.2266



0.0000, 0.0000, 0.0000



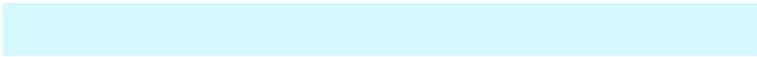
20.3446, 21.4041, 23.3091

Same Dimension

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



53.6008, 59.3986, 70.2689



79.7701, 89.4065, 107.6606



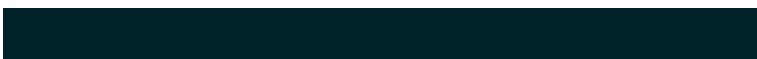
50.4162, 53.0293, 69.2074



12.0085, 13.1074, 15.1407



17.1110, 22.8686, 40.7047



0.9971, 1.3594, 2.2894

Inverse Universe

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



55.0612, 52.2220, 66.2122



82.4636, 76.3050, 100.1486



56.2367, 58.9178, 53.2090



12.2352, 11.9788, 14.5144



21.2676, 10.3799, 27.3789



1.2095, 0.5885, 1.6381

Previews

White Background



This preview shows how the XYZ color 53.5991, 59.3961, 70.2676 looks on a white background.

Color Contrast Check

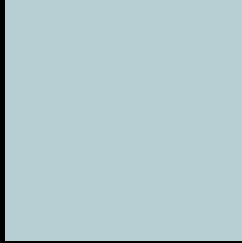
Large Text (above 18pt) WCAG AA × Fail

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 53.5991, 59.3961, 70.2676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

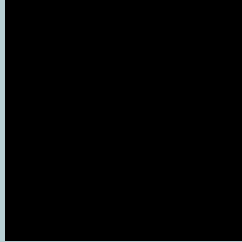
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5991, 59.3961, 70.2676

Background



This preview shows how black text looks on a background with the XYZ color 53.5991, 59.3961, 70.2676.

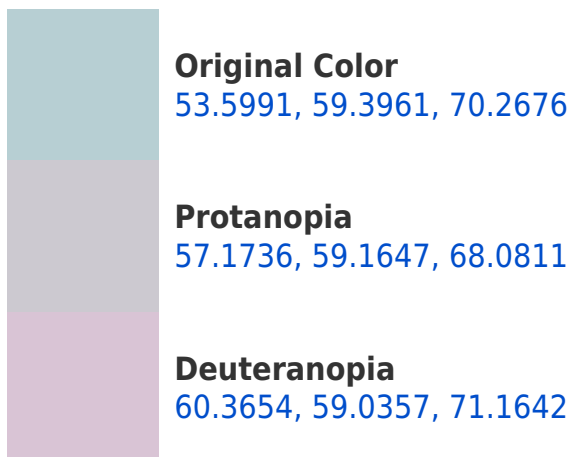


This preview shows how white text looks on a background with the XYZ color 53.5991, 59.3961,

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

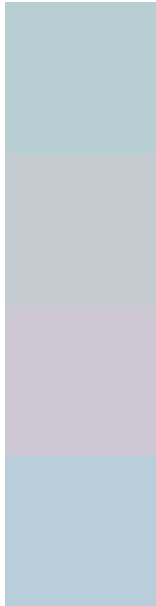




Tritanopia

55.0237, 59.2509, 77.6437

Trichromacy



Original Color

53.5991, 59.3961, 70.2676

Protanomaly

55.6295, 59.0511, 68.7876

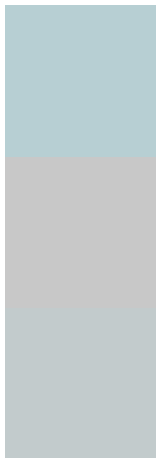
Deuteranomaly

57.7148, 59.0412, 70.6415

Tritanomaly

54.4934, 59.3949, 74.9219

Monochromacy



Original Color

53.5991, 59.3961, 70.2676

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.5032, 58.5408, 65.5536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5991, 59.3961, 70.2676 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(183, 207, 211)` looks like.

```
.text, #text, p{  
    color:rgb(183, 207, 211)  
}
```

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(183, 207, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 207, 211) }
```

Border

The CSS property to change the border of an element to XYZ 53.5991, 59.3961, 70.2676 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(183, 207, 211) }
```


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

```
.border{ border-color:rgb(183, 207, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 207, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 207, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 207, 211);  
box-shadow:4px 4px 4px 4px rgb(183, 207,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5991, 59.3961, 70.2676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 207, 211) }
```

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

```
.background{ background-color: rgb(183,  
207, 211) }
```

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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