

Converting Colors

XYZ(54.1977, 59.3606, 69.5740)

Have a look what the booklet for
XYZ(54.1977, 59.3606, 69.5740)
contains.

XYZ(54.1977, 59.3606, 69.5740)	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(54.1977, 59.3606,
69.5740)**

Conversions

Conversions Part 1

Format	Color
Hex	BBCED2
RGB	187, 206, 210
RGB Percent	73%, 81%, 82%
CMY	0.2667, 0.1921, 0.1765
CMYK	0.11, 0.02, 0.00, 0.18
HSL	190°, 20%, 78%
HSV	190°, 11%, 82%
XYZ	54.1977, 59.3606, 69.5740
YIQ	200.7750, -12.6080, -2.7840

Conversions

Conversions Part 2

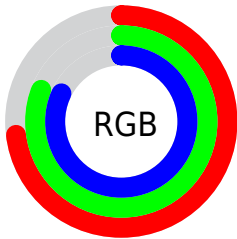
Format	Color
R_{YB}	187, 197, 210
Decimal	12308178
CIE Lab	81.49, -5.59, -4.18
CIE LCh	81, 6.981, 216.762
Yxy	59.3606, 0.2959, 0.3241
Android (android.graphics.Color)	4290498258 (0xFFBBCED2)
YUV	200.7750, 4.5479, -12.0807
Hunter-Lab	77.0458, -9.2648, 0.3920

Details

The XYZ color **54.1977, 59.3606, 69.5740** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.1791, 54.5508, 54.6885**, and the grayscale version is **55.3578, 58.2407, 63.4241**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **27.0605, 29.9251, 35.8024** is the 20% darker color. If you saturate the color by 10%, you get **48.5633, 55.1684, 69.0627**, and if you desaturate by 10%, it is **60.6073, 63.9859, 70.1299**.

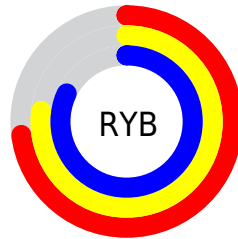
Distribution



Red (73%)

Green (81%)

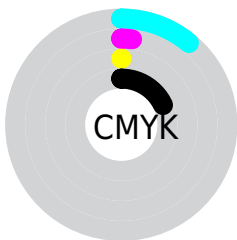
Blue (82%)



Red (73%)

Yellow (77%)

Blue (82%)

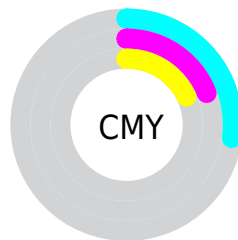


Cyan (11%)

Magenta (2%)

Yellow (0%)

Black (18%)



Cyan (27%)

Magenta (19%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1977, 59.3606, 69.5740 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 54.1977, 59.3606, 69.5740 by changing the saturation by 10% instead.

■ 54.1977, 59.3606,
69.5740

■ 54.1977, 59.3606,
69.5740

393.0495,
422.2369, 477.8015

■ 38.9910, 42.9035,
50.7047

■ 95.5197, 103.9016,
120.2765

■ 26.9335, 29.8094,
35.5985

122.3657,
132.7542, 152.9467

■ 17.6596, 19.6939,
23.8371

153.8222,
166.5075, 191.0542

■ 10.8041, 12.1728,
15.0017

190.2545,
205.5457, 235.0177

■ 6.0016, 6.8615,
8.6739

232.0281,
250.2534, 285.2556

■ 2.8867, 3.3756,
4.4352

279.5082,

■ 1.0941, 1.3308,

301.0149, 342.1865

1.8670

333.0602,
358.2146, 406.2290

■ 0.0202, 0.1649,
0.4716

■ 0.0000, 0.0000,
0.0000

■ 54.1977, 59.3606,
69.5740

■ 54.1977, 59.3606,
69.5740

■ 48.5633, 55.1684,
69.0627

■ 60.6073, 63.9859,
70.1299

■ 43.6662, 51.3848,
68.5905

■ 67.8174, 69.0528,
70.7279

■ 39.4732, 47.9940,
68.1570

■ 75.8588, 74.5789,
71.3707

■ 35.9465, 44.9764,
67.7604

■ 78.6245, 77.4162,
71.7726

■ 33.0444, 42.3102,
67.3988

■ 79.5963, 79.3597,
72.0965

■ 30.7206, 39.9715,
67.0698

■ 80.5891, 81.3454,
72.4274

■ 28.9223, 37.9326,
66.7711

■ 81.6031, 83.3734,
72.7654

■ 27.5862, 36.1609,
66.4995

■ 82.6385, 85.4441,
73.1106

■ 26.6742, 34.7356,
66.2725

■ 83.6952, 87.5576,
73.4628

Harmonies

Analogous

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



53.6740, 59.3606, 65.5865



54.1977, 59.3606, 69.5740



55.3183, 59.3606, 72.3191

Triad

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



54.1977, 59.3606, 69.5740



59.0438, 59.3606, 67.8632



56.0900, 59.3606, 56.9621

Complementary

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



54.1977, 59.3606, 69.5740



54.1791, 54.5508, 54.6885

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.



57.5371, 59.3606, 57.5128



54.1977, 59.3606, 69.5740



59.2590, 59.3606, 63.6900

Square

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



54.1977, 59.3606, 69.5740



58.1201, 59.3606, 71.3019



58.7032, 59.3606, 59.9328



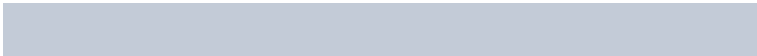
54.7543, 59.3606, 58.3945

Rectangle

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



54.1977, 59.3606, 69.5740



56.2618, 59.3606, 73.0116



58.7032, 59.3606, 59.9328



56.5794, 59.3606, 56.9224

Sweetspot

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



54.1994, 59.3631, 69.5753



91.8687, 97.7326, 108.6300



52.9267, 60.4133, 58.0665



19.4858, 20.7914, 23.2361



0.0000, 0.0000, 0.0000



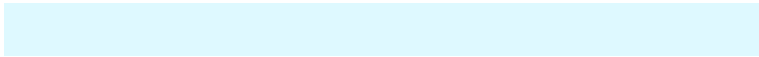
20.3446, 21.4041, 23.3091

Same Dimension

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



54.1994, 59.3631, 69.5753



82.0780, 90.6253, 107.7742



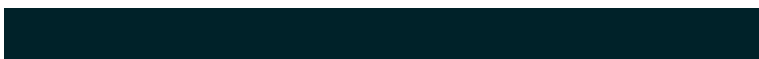
51.5679, 54.1000, 68.6981



11.9763, 13.0429, 15.1300



16.3362, 21.3191, 40.4465



0.9605, 1.2862, 2.2772

Inverse Universe

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



55.4906, 53.6997, 65.8359



84.4577, 80.2774, 100.8620



56.7478, 59.6882, 55.5447



12.2189, 11.9723, 14.4287



20.8765, 10.2234, 25.3196



1.1911, 0.5811, 1.5409

Previews

White Background



This preview shows how the XYZ color 54.1977, 59.3606, 69.5740 looks on a white background.

Color Contrast Check

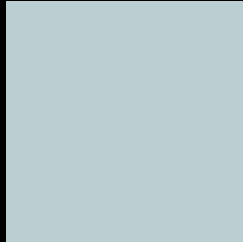
Large Text (above 18pt) WCAG AA × Fail

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 54.1977, 59.3606, 69.5740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

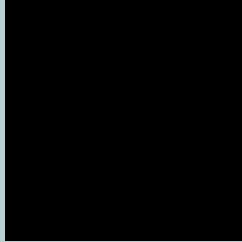
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

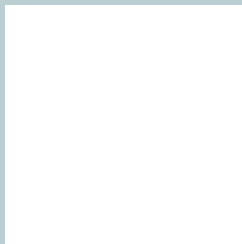
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.1977, 59.3606, 69.5740

Background



This preview shows how black text looks on a background with the XYZ color 54.1977, 59.3606, 69.5740.



This preview shows how white text looks on a background with the XYZ color 54.1977, 59.3606,

69.5740.

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

54.1977, 59.3606, 69.5740

Protanopia

57.0510, 59.1157, 67.4350

Deuteranopia

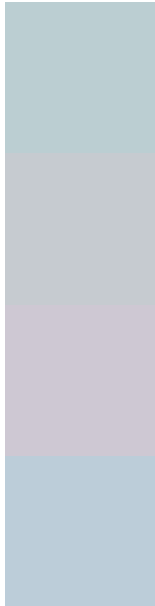
60.2389, 58.9850, 70.4977



Tritanopia

55.6303, 59.2250, 76.9062

Trichromacy



Original Color

54.1977, 59.3606, 69.5740

Protanomaly

56.0298, 59.2717, 68.1620

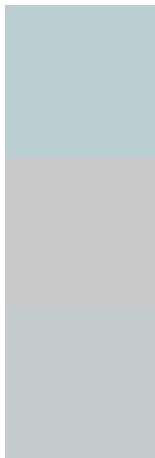
Deuteranomaly

57.8657, 59.1335, 69.9921

Tritanomaly

55.0947, 59.3638, 74.2002

Monochromacy



Original Color

54.1977, 59.3606, 69.5740

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.0200, 58.8073, 65.5778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1977, 59.3606, 69.5740 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(187, 206, 210)` looks like.

```
.text, #text, p{  
    color:rgb(187, 206, 210)  
}
```

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(187, 206, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 206, 210) }
```

Border

The CSS property to change the border of an element to XYZ 54.1977, 59.3606, 69.5740 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(187, 206, 210) }
```


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

```
.border{ border-color:rgb(187, 206, 210) }
```

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

Here you see how a box with a 4 pixel rgb(187, 206, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 206, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 206, 210);  
box-shadow:4px 4px 4px 4px rgb(187, 206,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1977, 59.3606, 69.5740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 206, 210) }
```

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

```
.background{ background-color: rgb(187,  
206, 210) }
```

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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