

Converting Colors

XYZ(50.8839, 53.6508, 59.8267)

Have a look what the booklet for
XYZ(50.8839, 53.6508, 59.8267)
contains.

XYZ(50.9938, 53.7756, 59.9166)	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(50.9938, 53.7756,
59.9166)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C2C4
RGB	192, 194, 196
RGB Percent	75%, 76%, 77%
CMY	0.2471, 0.2392, 0.2314
CMYK	0.02, 0.01, 0.00, 0.23
HSL	210°, 3%, 76%
HSV	210°, 2%, 77%
XYZ	50.9938, 53.7756, 59.9166
YIQ	193.6300, -1.8340, 0.1980

Conversions

Conversions Part 2

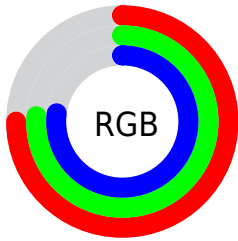
Format	Color
R_YB	192, 193, 196
Decimal	12632772
CIE Lab	78.33, -0.31, -1.25
CIE LCh	78, 1.292, 255.938
Yxy	53.7756, 0.3096, 0.3265
Android (android.graphics.Color)	4290822852 (0xFFC0C2C4)
YUV	193.6300, 1.1684, -1.4295
Hunter-Lab	73.3318, -4.2047, 2.8887

Details

The XYZ color **50.9938, 53.7756, 59.9166** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.5711, 54.1243, 57.5988**, and the grayscale version is **51.0550, 53.7138, 58.4943**.

A 20% lighter version of the original color is **90.6266, 95.4195, 106.5698**, and **24.9080, 26.1981, 29.3351** is the 20% darker color. If you saturate the color by 10%, you get **44.2520, 47.1749, 58.9987**, and if you desaturate by 10%, it is **58.5430, 61.0083, 60.9156**.

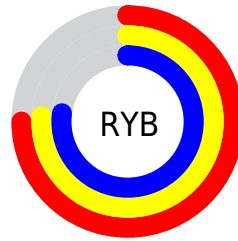
Distribution



Red (75%)

Green (76%)

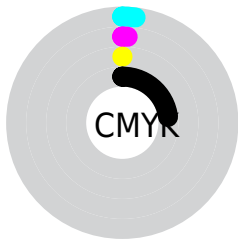
Blue (77%)



Red (75%)

Yellow (76%)

Blue (77%)

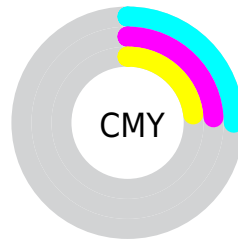


Cyan (2%)

Magenta (1%)

Yellow (0%)

Black (23%)



Cyan (25%)

Magenta (24%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.9938, 53.7756, 59.9166 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 50.9938, 53.7756, 59.9166 by changing the saturation by 10% instead.

■ 50.9938, 53.7756,
59.9166

■ 50.9938, 53.7756,
59.9166

380.9278,
401.2537, 442.0864

■ 36.4247, 38.4223,
42.9266

□ 90.8287, 95.7447,
106.2509

■ 24.9340, 26.3106,
29.4965

116.8251,
123.1292, 136.4322

■ 16.1564, 17.0561,
19.2079

147.3614,
155.2930, 171.8476

■ 9.7264, 10.2745,
11.6423

182.8029,
192.6204, 212.9158

■ 5.2788, 5.5814,
6.3810

223.5149,
235.4957, 260.0552

■ 2.4482, 2.5922,
3.0056

269.8628,

■ 0.8692, 0.9228,

284.3035, 313.6844

1.0975

322.2120,
339.4280, 374.2220

■ 0.0000, 0.0000,
0.0000

■ 50.9938, 53.7756,
59.9166

■ 50.9938, 53.7756,
59.9166

■ 44.2520, 47.1749,
58.9987

■ 58.5430, 61.0083,
60.9156

■ 38.2843, 41.1806,
58.1562

■ 66.9220, 68.8841,
61.9941

■ 33.0618, 35.7749,
57.3880

■ 76.1584, 77.4223,
63.1554

■ 28.5518, 30.9368,
56.6919

■ 80.3814, 83.6006,
64.1253

■ 24.7193, 26.6438,
56.0653

■ 83.2303, 89.2983,
65.0749

■ 21.5259, 22.8713,
55.5054

■ 86.2352, 95.3081,
66.0766

■ 18.9288, 19.5926,
55.0094

■ 86.9640, 96.7656,
66.3195

■ 16.8796, 16.7778,
54.5741

■ 15.3207, 14.3919,
54.1958

Harmonies

Analogous

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



50.7740, 53.7756, 59.5610



50.9938, 53.7756, 59.9166



51.2460, 53.7756, 59.9046

Triad

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



50.9938, 53.7756, 59.9166



51.5821, 53.7756, 58.1701



50.7628, 53.7756, 57.5874

Complementary

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



50.9938, 53.7756, 59.9166



51.5711, 54.1243, 57.5988

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.



50.9784, 53.7756, 57.2209



50.9938, 53.7756, 59.9166



51.4517, 53.7756, 57.5554

Square

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



50.9938, 53.7756, 59.9166



51.5862, 53.7756, 58.8922



51.2306, 53.7756, 57.2092



50.6409, 53.7756, 58.2141

Rectangle

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



50.9938, 53.7756, 59.9166



51.3986, 53.7756, 59.6896



51.2306, 53.7756, 57.2092



50.8266, 53.7756, 57.4299

Sweetspot

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



50.9953, 53.7779, 59.9178



93.7134, 98.7102, 108.7215



51.2090, 54.5792, 58.8363



20.0726, 21.1417, 23.2728



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.



50.9953, 53.7779, 59.9178



92.3918, 97.4321, 108.5445



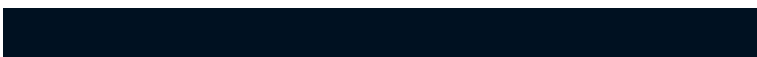
50.5670, 52.9213, 59.7750



11.0451, 11.6455, 12.9505



9.3051, 8.3667, 34.6811



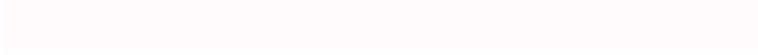
0.4710, 0.4994, 1.5214

Inverse Universe

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



51.3533, 53.3310, 58.6290



93.0374, 96.6262, 106.2206



52.0050, 54.9921, 57.7434



11.1161, 11.5568, 12.6949



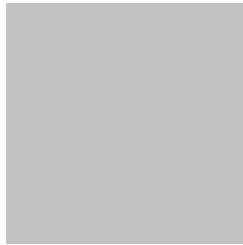
16.0928, 8.1269, 8.4005



0.7301, 0.3651, 0.5462

Previews

White Background



This preview shows how the XYZ color 50.9938, 53.7756, 59.9166 looks on a white background.

Color Contrast Check

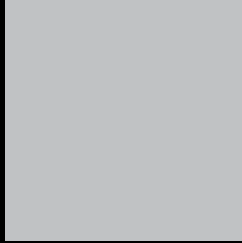
Large Text (above 18pt) WCAG AA × Fail

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 50.9938, 53.7756, 59.9166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

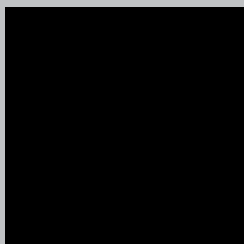
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

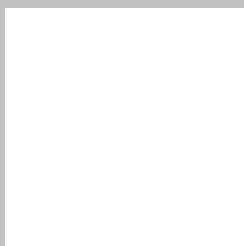
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.9938, 53.7756, 59.9166

Background



This preview shows how black text looks on a background with the XYZ color 50.9938, 53.7756, 59.9166.

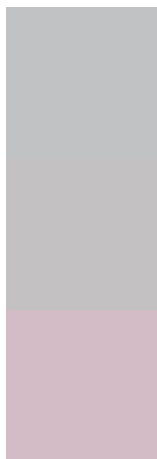


This preview shows how white text looks on a background with the XYZ color 50.9938, 53.7756,

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

50.9938, 53.7756, 59.9166

Protanopia

51.6852, 53.8158, 59.2931

Deuteranopia

54.9252, 53.8465, 60.3219



Tritanopia

52.3603, 53.6736, 66.6318

Trichromacy



Original Color

50.9938, 53.7756, 59.9166

Protanomaly

51.4260, 53.6822, 59.2810

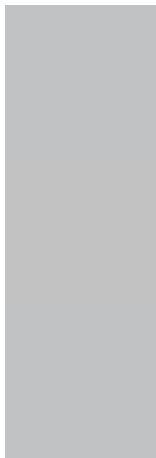
Deuteranomaly

53.3933, 53.6955, 60.3735

Tritanomaly

51.8418, 53.7892, 64.1499

Monochromacy



Original Color

50.9938, 53.7756, 59.9166

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.1344, 53.8612, 59.3309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9938, 53.7756, 59.9166 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(192, 194, 196)` looks like.

```
.text, #text, p{  
    color:rgb(192, 194, 196)  
}
```

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(192, 194, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 194, 196) }
```

Border

The CSS property to change the border of an element to XYZ 50.9938, 53.7756, 59.9166 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(192, 194, 196) }
```


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

```
.border{ border-color:rgb(192, 194, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 194, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 194, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 194, 196);  
box-shadow:4px 4px 4px 4px rgb(192, 194,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9938, 53.7756, 59.9166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 194, 196) }
```

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

```
.background{ background-color: rgb(192,  
194, 196) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor