

Converting Colors

XYZ(50.7382, 53.6678, 59.0929)

Have a look what the booklet for
XYZ(50.7382, 53.6678, 59.0929)
contains.

XYZ(50.8803, 53.7302, 59.3190)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(50.8803, 53.7302,
59.3190)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C2C3
RGB	192, 194, 195
RGB Percent	75%, 76%, 76%
CMY	0.2471, 0.2392, 0.2353
CMYK	0.02, 0.01, 0.00, 0.24
HSL	200°, 2%, 76%
HSV	200°, 2%, 76%
XYZ	50.8803, 53.7302, 59.3190
YIQ	193.5160, -1.5130, -0.1130

Conversions

Conversions Part 2

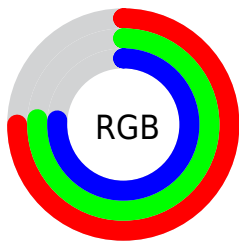
Format	Color
RYB	192, 193, 195
Decimal	12632771
CIELab	78.30, -0.50, -0.75
CIElCh	78, 0.904, 236.336
Yxy	53.7302, 0.3104, 0.3278
Android (android.graphics.Color)	4290822851 (0xFFC0C2C3)
YUV	193.5160, 0.7316, -1.3295
Hunter-Lab	73.3009, -4.3745, 3.3300

Details

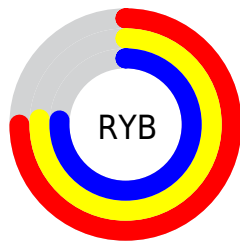
The XYZ color **50.8803, 53.7302, 59.3190** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.0900, 53.5470, 57.5127**, and the grayscale version is **50.9901, 53.6455, 58.4200**.

A 20% lighter version of the original color is **90.4677, 95.3559, 105.7328**, and **24.8333, 26.1682, 28.9414** is the 20% darker color. If you saturate the color by 10%, you get **44.8564, 48.5327, 58.6341**, and if you desaturate by 10%, it is **57.6243, 59.3953, 60.0578**.

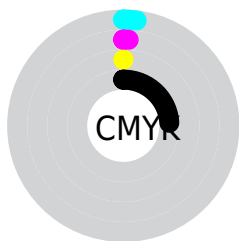
Distribution



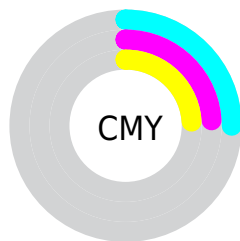
- Red (75%)
- Green (76%)
- Blue (76%)



- Red (75%)
- Yellow (76%)
- Blue (76%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (24%)



- Cyan (25%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.8803, 53.7302, 59.3190 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 50.8803, 53.7302, 59.3190 by changing the saturation by 10% instead.

■ 50.8803, 53.7302,
59.3190

■ 50.8803, 53.7302,
59.3190

380.4939,
401.0803, 439.8178

■ 36.3340, 38.3860,
42.4483

□ 90.6619, 95.6780,
105.3748

■ 24.8636, 26.2824,
29.1243

116.6278,
123.0504, 135.3970

■ 16.1036, 17.0350,
18.9285

147.1311,
155.2009, 170.6401

■ 9.6888, 10.2595,
11.4423

182.5370,
192.5141, 211.5226

■ 5.2538, 5.5713,
6.2473

223.2108,
235.3742, 258.4631

■ 2.4332, 2.5862,
2.9248

269.5180,

■ 0.8617, 0.9197,

284.1657, 311.8801

1.0564

321.8239,
339.2729, 372.1921

■ 0.0000, 0.0000,
0.0000

■ 50.8803, 53.7302,
59.3190

■ 50.8803, 53.7302,
59.3190

■ 44.8564, 48.5327,
58.6341

■ 57.6243, 59.3953,
60.0578

■ 39.5217, 43.7810,
57.9981

■ 65.1087, 65.5349,
60.8484

■ 34.8498, 39.4620,
57.4107

■ 73.3587, 72.1649,
61.6933

■ 30.8105, 35.5588,
56.8702

■ 76.6607, 76.3407,
62.3253

■ 27.3716, 32.0535,
56.3748

■ 78.3928, 79.8049,
62.9027

■ 24.4973, 28.9265,
55.9227

■ 80.1916, 83.4024,
63.5022

■ 22.1483, 26.1561,
55.5118

■ 82.0576, 87.1344,
64.1242

■ 20.2792, 23.7177,
55.1397

■ 83.9916, 91.0024,
64.7689

■ 18.8365, 21.5822,
54.8035

■ 85.9943, 95.0078,
65.4365

Harmonies

Analogous

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



50.7642, 53.7302, 58.9370



50.8803, 53.7302, 59.3190



51.0472, 53.7302, 59.4823

Triad

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



50.8803, 53.7302, 59.3190



51.4097, 53.7302, 58.5654



50.9179, 53.7302, 57.6329

Complementary

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



50.8803, 53.7302, 59.3190



51.0900, 53.5470, 57.5127

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.



51.0907, 53.7302, 57.5346



50.8803, 53.7302, 59.3190



51.3749, 53.7302, 58.0712

Square

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



50.8803, 53.7302, 59.3190



51.3531, 53.7302, 59.0456



51.2581, 53.7302, 57.6946



50.7859, 53.7302, 57.9638

Rectangle

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



50.8803, 53.7302, 59.3190



51.1648, 53.7302, 59.4445



51.2581, 53.7302, 57.6946



50.9732, 53.7302, 57.5716

Sweetspot

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



50.8818, 53.7325, 59.3202



92.9021, 97.7402, 106.4391



50.8741, 54.0855, 58.1817



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



50.8818, 53.7325, 59.3202



90.5678, 95.7566, 106.1792



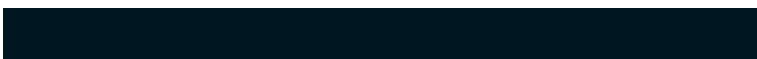
50.5599, 53.0886, 59.2129



11.0747, 11.7047, 12.9604



11.6902, 13.1369, 35.4762



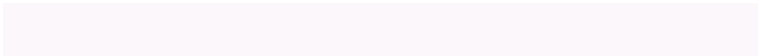
0.5662, 0.6898, 1.5532

Inverse Universe

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



51.0940, 53.1973, 58.6169



91.0684, 94.4973, 104.5193



51.4129, 54.1928, 57.6203



11.1310, 11.5627, 12.7735



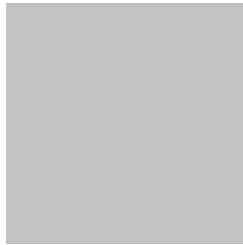
17.2967, 8.6084, 14.7401



0.7782, 0.3843, 0.7993

Previews

White Background



This preview shows how the XYZ color 50.8803, 53.7302, 59.3190 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 50.8803, 53.7302, 59.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

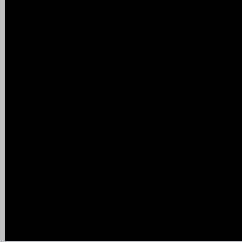
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

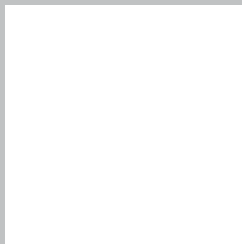
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.8803, 53.7302, 59.3190

Background



This preview shows how black text looks on a background with the XYZ color 50.8803, 53.7302, 59.3190.

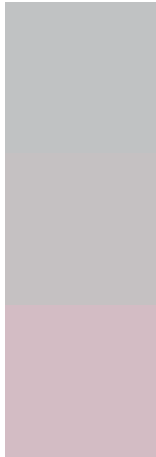


This preview shows how white text looks on a background with the XYZ color 50.8803, 53.7302,

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

50.8803, 53.7302, 59.3190

Protanopia

51.8335, 53.9053, 58.7118

Deuteranopia

54.8110, 53.8008, 59.7203



Tritanopia

52.3603, 53.6736, 66.6318

Trichromacy



Original Color

50.8803, 53.7302, 59.3190

Protanomaly

51.3132, 53.6371, 58.6874

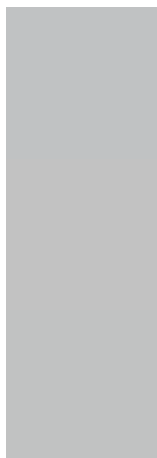
Deuteranomaly

53.2791, 53.6498, 59.7719

Tritanomaly

51.8418, 53.7892, 64.1499

Monochromacy



Original Color

50.8803, 53.7302, 59.3190

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.0217, 53.8161, 58.7373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8803, 53.7302, 59.3190 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, 195) looks like.

```
.text, #text, p{  
    color:rgb(192, 194, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 194, 195) }
```

Border

The CSS property to change the border of an element to XYZ 50.8803, 53.7302, 59.3190 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, 195) }
```

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

```
.border{ border-color:rgb(192, 194, 195) }
```

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, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 194, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 194, 195);  
box-shadow:4px 4px 4px 4px rgb(192, 194,  
195) }
```


Background

The CSS property to change the background color of an element to XYZ 50.8803, 53.7302, 59.3190 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, 195) }
```

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

```
.background{ background-color: rgb(192,  
194, 195) }
```

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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