

Converting Colors

XYZ(50.9117, 53.8959, 59.6395)

Have a look what the booklet for
XYZ(50.9117, 53.8959, 59.6395)
contains.

XYZ(50.6280, 53.6001, 59.3072)	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(50.6280, 53.6001,
59.3072)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC2C3
RGB	191, 194, 195
RGB Percent	75%, 76%, 76%
CMY	0.2510, 0.2392, 0.2353
CMYK	0.02, 0.01, 0.00, 0.24
HSL	195°, 3%, 76%
HSV	195°, 2%, 76%
XYZ	50.6280, 53.6001, 59.3072
YIQ	193.2170, -2.1090, -0.3250

Conversions

Conversions Part 2

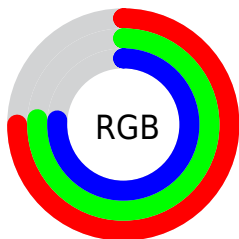
Format	Color
RYB	191, 193, 195
Decimal	12567235
CIELab	78.23, -0.84, -0.87
CIELCh	78, 1.215, 225.933
Yxy	53.6001, 0.3096, 0.3278
Android (android.graphics.Color)	4290757315 (0xFFBFC2C3)
YUV	193.2170, 0.8790, -1.9443
Hunter-Lab	73.2121, -4.6839, 3.2192




Details

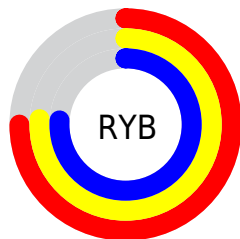
The XYZ color **50.6280, 53.6001, 59.3072** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.7594, 53.0624, 56.8578**, and the grayscale version is **50.8134, 53.4596, 58.2175**.




A 20% lighter version of the original color is **90.1141, 95.1736, 105.7163**, and **24.6670, 26.0825, 28.9336** is the 20% darker color. If you saturate the color by 10%, you get **44.9834, 49.1124, 58.7393**, and if you desaturate by 10%, it is **56.9639, 58.4997, 59.9198**.

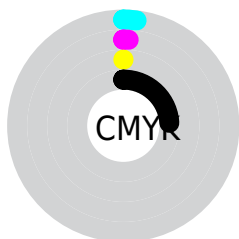
Distribution







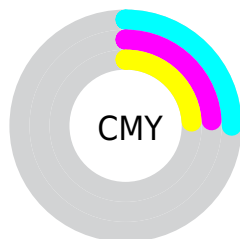
-  Red (75%)
-  Green (76%)
-  Blue (76%)






-  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 50.6280, 53.6001, 59.3072 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 50.6280, 53.6001, 59.3072 by changing the saturation by 10% instead.

■ 50.6280, 53.6001,
59.3072

■ 50.6280, 53.6001,
59.3072

379.5283,
400.5832, 439.7729

■ 36.1325, 38.2820,
42.4388

□ 90.2909, 95.4868,
105.3575

■ 24.7071, 26.2017,
29.1169

116.1890,
122.8243, 135.3766

■ 15.9865, 16.9746,
18.9229

146.6187,
154.9370, 170.6162

■ 9.6054, 10.2164,
11.4384

181.9454,
192.2094, 211.4951

■ 5.1984, 5.5426,
6.2446

222.5343,
235.0258, 258.4316

■ 2.4001, 2.5690,
2.9232

268.7508,

■ 0.8451, 0.9111,

283.7706, 311.8444

1.0556

320.9604,
338.8283, 372.1520

■ 0.0000, 0.0000,
0.0000

■ 50.6280, 53.6001,
59.3072

■ 50.6280, 53.6001,
59.3072

■ 44.9834, 49.1124,
58.7393

■ 56.9639, 58.4997,
59.9198

■ 39.9997, 45.0160,
58.2113

■ 64.0111, 63.8174,
60.5748

■ 35.6507, 41.2982,
57.7229

■ 71.7944, 69.5681,
61.2745

■ 31.9069, 37.9434,
57.2727

■ 74.9956, 73.0105,
61.7703

■ 28.7360, 34.9344,
56.8590

■ 76.2396, 75.4984,
62.1849

■ 26.1029, 32.2526,
56.4802

■ 77.5204, 78.0601,
62.6119

■ 23.9682, 29.8773,
56.1342

■ 78.8386, 80.6964,
63.0513

■ 22.2872, 27.7846,
55.8188

■ 80.1943, 83.4079,
63.5032

■ 21.0059, 25.9463,
55.5316

■ 81.5879, 86.1951,
63.9677

Harmonies

Analogous

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



50.5070, 53.6001, 58.7215



50.6280, 53.6001, 59.3072



50.8343, 53.6001, 59.6406

Triad

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



50.6280, 53.6001, 59.3072



51.3900, 53.6001, 58.6802



50.8199, 53.6001, 57.1115

Complementary

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



50.6280, 53.6001, 59.3072



50.7594, 53.0624, 56.8578

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.



51.0565, 53.6001, 57.1006



50.6280, 53.6001, 59.3072



51.3861, 53.6001, 58.0027

Square

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



50.6280, 53.6001, 59.3072



51.2745, 53.6001, 59.2767



51.2639, 53.6001, 57.4257



50.6175, 53.6001, 57.4555

Rectangle

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



50.6280, 53.6001, 59.3072



50.9926, 53.6001, 59.6733



51.2639, 53.6001, 57.4257



50.8980, 53.6001, 57.0688

Sweetspot

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



50.6295, 53.6024, 59.3084



91.7940, 96.8755, 106.3306



50.5088, 53.9102, 57.5749



20.1138, 21.2240, 23.2865



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.



50.6295, 53.6024, 59.3084



90.6986, 96.0183, 106.2228



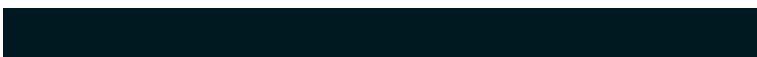
50.2013, 52.7459, 59.1656



11.0894, 11.7341, 12.9653



13.1935, 16.1435, 35.9772



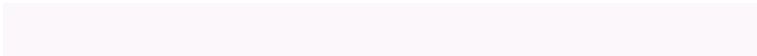
0.6219, 0.8012, 1.5718

Inverse Universe

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



50.8753, 52.7598, 58.5439



91.1344, 94.5238, 104.8671



51.1874, 53.9184, 57.0005



11.1385, 11.5657, 12.8126



18.0554, 8.9119, 18.7358



0.8063, 0.3955, 0.9473

Previews

White Background



This preview shows how the XYZ color 50.6280, 53.6001, 59.3072 looks on a white background.

Color Contrast Check

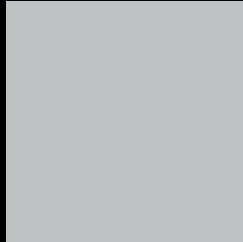
Large Text (above 18pt) WCAG AA × Fail

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 50.6280, 53.6001, 59.3072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

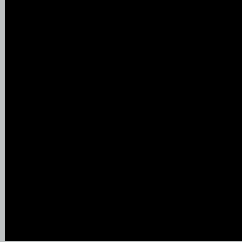
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

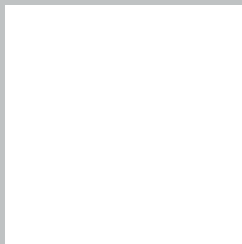
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.6280, 53.6001, 59.3072

Background



This preview shows how black text looks on a background with the XYZ color 50.6280, 53.6001, 59.3072.

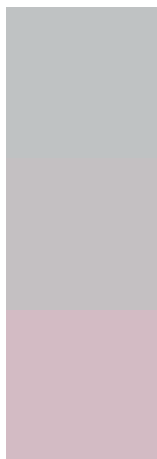


This preview shows how white text looks on a background with the XYZ color 50.6280, 53.6001,

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

50.6280, 53.6001, 59.3072

Protanopia

51.3522, 53.3301, 58.6261

Deuteranopia

54.5981, 53.3751, 59.6493



Tritanopia

52.1044, 53.5417, 66.6199

Trichromacy



Original Color

50.6280, 53.6001, 59.3072

Protanomaly

51.0557, 53.5043, 58.6754

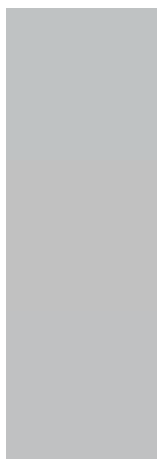
Deuteranomaly

53.2791, 53.6498, 59.7719

Tritanomaly

51.5877, 53.6582, 64.1380

Monochromacy



Original Color

50.6280, 53.6001, 59.3072

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.5458, 53.2414, 58.6515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6280, 53.6001, 59.3072 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(191, 194, 195)` looks like.

```
.text, #text, p{  
    color:rgb(191, 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(191, 194, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 194, 195) }
```

Border

The CSS property to change the border of an element to XYZ 50.6280, 53.6001, 59.3072 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(191, 194, 195) }
```


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

```
.border{ border-color:rgb(191, 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(191, 194, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 194, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 194, 195);  
box-shadow:4px 4px 4px 4px rgb(191, 194,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6280, 53.6001, 59.3072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 194, 195) }
```

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

```
.background{ background-color: rgb(191,  
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](#).

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