

Converting Colors

XYZ(51.1032, 52.3932, 53.9531)

Have a look what the booklet for
XYZ(51.1032, 52.3932, 53.9531)
contains.

XYZ(51.1479, 52.3579, 53.8647)	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(51.1479, 52.3579,
53.8647)**

Conversions

Conversions Part 1

Format	Color
Hex	C9BDBA
RGB	201, 189, 186
RGB Percent	79%, 74%, 73%
CMY	0.2118, 0.2588, 0.2706
CMYK	0.00, 0.06, 0.07, 0.21
HSL	12°, 12%, 76%
HSV	12°, 7%, 79%
XYZ	51.1479, 52.3579, 53.8647
YIQ	192.2460, 8.1150, 1.6110

Conversions

Conversions Part 2

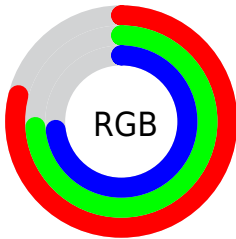
Format	Color
R_{YB}	201, 190, 186
Decimal	13221306
CIE _{Lab}	77.49, 3.70, 3.02
CIE _{LCh}	77, 4.776, 39.220
Yxy	52.3579, 0.3250, 0.3327
Android (android.graphics.Color)	4291411386 (0xFFC9BDBA)
YUV	192.2460, -3.0793, 7.6773
Hunter-Lab	72.3588, -0.4524, 6.5150

Details

The XYZ color **51.1479, 52.3579, 53.8647** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.9862, 55.0433, 63.1960**, and the grayscale version is **50.2620, 52.8795, 57.5858**.

A 20% lighter version of the original color is **89.9194, 92.9756, 97.2112**, and **25.0704, 25.5048, 25.7919** is the 20% darker color. If you saturate the color by 10%, you get **45.8916, 45.0274, 42.3014**, and if you desaturate by 10%, it is **57.0910, 60.5798, 67.1412**.

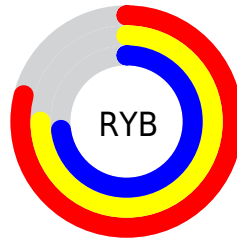
Distribution



Red (79%)

Green (74%)

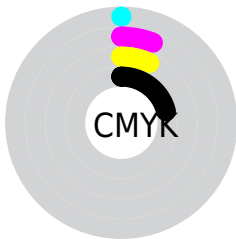
Blue (73%)



Red (79%)

Yellow (75%)

Blue (73%)

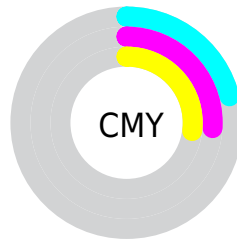


Cyan (0%)

Magenta (6%)

Yellow (7%)

Black (21%)



Cyan (21%)

Magenta (26%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.1479, 52.3579, 53.8647 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 51.1479, 52.3579, 53.8647 by changing the saturation by 10% instead.

■ 51.1479, 52.3579,
53.8647

■ 51.1479, 52.3579,
53.8647

381.5163,
395.8167, 418.7539

■ 36.5478, 37.2904,
38.1011

■ 91.0550, 93.6589,
97.3300

■ 25.0297, 25.4324,
25.7587

117.0929,
120.6611, 125.8687

■ 16.2280, 16.3995,
16.4191

147.6740,
152.4105, 159.5028

■ 9.7775, 9.8073,
9.6636

183.1637,
189.2912, 198.6509

■ 5.3128, 5.2714,
5.0738

223.9275,
231.6879, 243.7315

■ 2.4686, 2.4074,
2.2311

270.3306,

■ 0.8794, 0.8297,

279.9847, 295.1632

0.6923

322.7384,
334.5662, 353.3645

■ 0.0000, 0.0000,
0.0000

■ 51.1479, 52.3579,
53.8647

■ 51.1479, 52.3579,
53.8647

■ 45.8916, 45.0274,
42.3014

■ 57.0910, 60.5798,
67.1412

■ 41.2929, 38.5516,
32.3780

■ 63.7402, 69.7146,
82.1934

■ 37.3267, 32.9011,
24.0209

■ 71.1194, 79.7918,
99.0847

■ 33.9647, 28.0425,
17.1498

■ 77.3594, 90.0812,
107.9179

■ 31.1765, 23.9399,
11.6767

■ 77.8976, 91.1576,
108.0973

■ 28.9288, 20.5546,
7.5049

■ 27.1847, 17.8446,
4.5247

■ 25.9024, 15.7629,
2.6084

■ 25.0285, 14.2548,
1.5788

Harmonies

Analogous

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



51.5315, 52.3579, 56.2009



51.1479, 52.3579, 53.8647



50.3949, 52.3579, 52.4016

Triad

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



51.1479, 52.3579, 53.8647



48.1287, 52.3579, 55.2300



50.0486, 52.3579, 62.1580

Complementary

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



51.1479, 52.3579, 53.8647



50.9862, 55.0433, 63.1960

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.



49.1396, 52.3579, 61.8786



51.1479, 52.3579, 53.8647



48.0386, 52.3579, 57.8245

Square

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



51.1479, 52.3579, 53.8647



48.6543, 52.3579, 53.1728



48.4065, 52.3579, 60.2730



50.8917, 52.3579, 61.0251

Rectangle

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



51.1479, 52.3579, 53.8647



49.7887, 52.3579, 52.0910



48.4065, 52.3579, 60.2730



49.7405, 52.3579, 62.2269

Sweetspot

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



51.1494, 52.3602, 53.8658



92.9522, 97.1010, 104.2036



51.8400, 51.6133, 60.6568



19.9176, 20.8140, 22.3530



0.0000, 0.0000, 0.0000



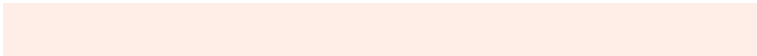
20.3446, 21.4041, 23.3091

Same Dimension

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



51.1494, 52.3602, 53.8658



85.9943, 87.4524, 88.7288



52.8038, 55.6691, 54.4173



10.8030, 10.9752, 11.1118



15.6803, 8.8777, 0.8871



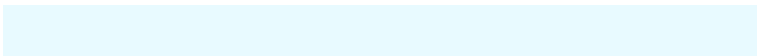
0.7947, 0.5249, 0.0594

Inverse Universe

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



50.9862, 55.0433, 63.1960



85.6563, 93.0070, 108.0453



49.3150, 51.7008, 62.6389



10.7594, 11.6928, 13.6073



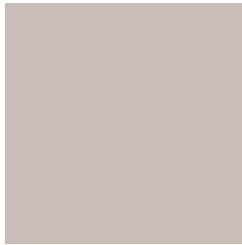
14.6807, 18.7554, 37.5908



0.7423, 0.9824, 1.7956

Previews

White Background



This preview shows how the XYZ color 51.1479, 52.3579, 53.8647 looks on a white background.

Color Contrast Check

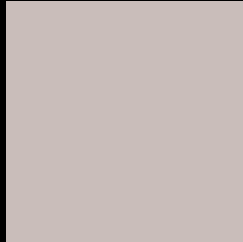
Large Text (above 18pt) WCAG AA × Fail

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 51.1479, 52.3579, 53.8647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

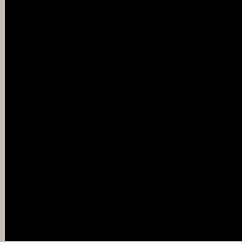
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.1479, 52.3579, 53.8647

Background



This preview shows how black text looks on a background with the XYZ color 51.1479, 52.3579, 53.8647.



This preview shows how white text looks on a background with the XYZ color 51.1479, 52.3579,

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

51.1479, 52.3579, 53.8647

Protanopia

50.3654, 52.5852, 54.5091

Deuteranopia

53.4700, 52.2828, 54.2871



Tritanopia

52.9415, 52.4542, 62.5927

Trichromacy



Original Color

51.1479, 52.3579, 53.8647

Protanomaly

50.6718, 52.4205, 54.4612

Deuteranomaly

52.5410, 52.1156, 54.3038

Tritanomaly

52.3041, 52.5085, 59.6030

Monochromacy



Original Color

51.1479, 52.3579, 53.8647

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.4307, 52.5814, 56.2064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1479, 52.3579, 53.8647 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(201, 189, 186) looks like.

```
.text, #text, p{  
    color:rgb(201, 189, 186)  
}
```

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(201, 189, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 189, 186) }
```

Border

The CSS property to change the border of an element to XYZ 51.1479, 52.3579, 53.8647 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(201, 189, 186) }
```


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

```
.border{ border-color:rgb(201, 189, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 189, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 189, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 189, 186);  
box-shadow:4px 4px 4px 4px rgb(201, 189,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1479, 52.3579, 53.8647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 189, 186) }
```

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

```
.background{ background-color: rgb(201,  
189, 186) }
```

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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