

Converting Colors

XYZ(52.3101, 51.3929, 53.5201)

Have a look what the booklet for
XYZ(52.3101, 51.3929, 53.5201)
contains.

XYZ(52.2979, 51.3815, 53.6156)	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(52.2979, 51.3815,
53.6156)**

Conversions

Conversions Part 1

Format	Color
Hex	D1B8BA
RGB	209, 184, 186
RGB Percent	82%, 72%, 73%
CMY	0.1804, 0.2784, 0.2706
CMYK	0.00, 0.12, 0.11, 0.18
HSL	355°, 21%, 77%
HSV	355°, 12%, 82%
XYZ	52.2979, 51.3815, 53.6156
YIQ	191.7030, 14.2580, 5.9220

Conversions

Conversions Part 2

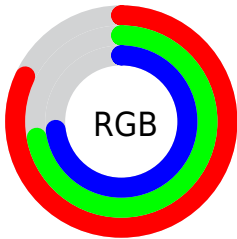
Format	Color
R _Y B	209, 184, 186
Decimal	13744314
CIE Lab	76.91, 9.25, 2.26
CIE LCh	77, 9.517, 13.709
Yxy	51.3815, 0.3325, 0.3267
Android (android.graphics.Color)	4291934394 (0xFFD1B8BA)
YUV	191.7030, -2.8116, 15.1695
Hunter-Lab	71.6809, 4.7909, 5.8291

Details

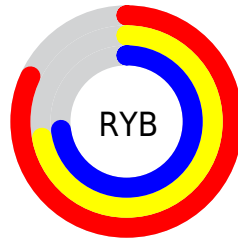
The XYZ color **52.2979, 51.3815, 53.6156** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.8321, 60.2975, 67.8358**, and the grayscale version is **49.9410, 52.5418, 57.2181**.

A 20% lighter version of the original color is **88.4271, 89.9910, 96.7138**, and **25.6764, 24.7961, 25.6231** is the 20% darker color. If you saturate the color by 10%, you get **46.3644, 42.5687, 42.2209**, and if you desaturate by 10%, it is **59.1509, 61.5918, 66.6756**.

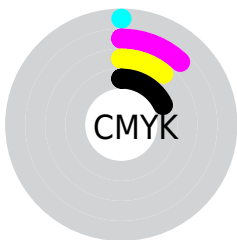
Distribution



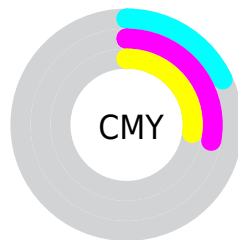
- Red (82%)
- Green (72%)
- Blue (73%)



- Red (82%)
- Yellow (72%)
- Blue (73%)



- Cyan (0%)
- Magenta (12%)
- Yellow (11%)
- Black (18%)



- Cyan (18%)
- Magenta (28%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2979, 51.3815, 53.6156 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 52.2979, 51.3815, 53.6156 by changing the saturation by 10% instead.

■ 52.2979, 51.3815,
53.6156

■ 52.2979, 51.3815,
53.6156

385.8907,
392.0442, 417.7756

■ 37.4678, 36.5123,
37.9033

■ 92.7421, 92.2184,
96.9603

■ 25.7452, 24.8301,
25.6064

119.0868,
118.9550, 125.4298

■ 16.7648, 15.9505,
16.3063

150.0006,
150.4161, 158.9889

■ 10.1612, 9.4892,
9.5845

185.8486,
186.9862, 198.0560

■ 5.5691, 5.0616,
5.0224

226.9962,
229.0497, 243.0496

■ 2.6230, 2.2834,
2.2014

273.8089,

■ 0.9577, 0.7649,

276.9909, 294.3884

0.6752

326.6519,
331.1943, 352.4909

■ 0.0000, 0.0000,
0.0000

■ 52.2979, 51.3815,
53.6156

■ 52.2979, 51.3815,
53.6156

■ 46.3644, 42.5687,
42.2209

■ 59.1509, 61.5918,
66.6756

■ 41.3071, 35.0860,
32.4213

■ 66.9556, 73.2493,
81.4605

■ 37.0858, 28.8710,
24.1467

■ 75.7482, 86.4100,
98.0313

■ 33.6553, 23.8534,
17.3202

■ 80.1047, 92.2954,
108.2006

■ 30.9662, 19.9561,
11.8584

■ 28.9634, 17.0929,
7.6694

■ 27.5845, 15.1653,
4.6499

■ 26.7549, 14.0554,
2.6803

■ 26.3935, 13.5949,
1.7507

Harmonies

Analogous

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



52.2554, 51.3815, 58.7898



52.2979, 51.3815, 53.6156



51.3969, 51.3815, 49.3343

Triad

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



52.2979, 51.3815, 53.6156



46.4699, 51.3815, 49.0428



47.8664, 51.3815, 66.0732

Complementary

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



52.2979, 51.3815, 53.6156



53.8321, 60.2975, 67.8358

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.



46.3627, 51.3815, 63.1229



52.2979, 51.3815, 53.6156



45.5702, 51.3815, 53.1949

Square

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



52.2979, 51.3815, 53.6156



48.0160, 51.3815, 46.8065



45.5314, 51.3815, 58.3424



49.6664, 51.3815, 66.2032

Rectangle

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



52.2979, 51.3815, 53.6156



50.3951, 51.3815, 47.4733



45.5314, 51.3815, 58.3424



47.3106, 51.3815, 65.3706

Sweetspot

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



52.2993, 51.3838, 53.6167



90.4074, 93.0740, 100.0790



54.3594, 52.1402, 67.5211



19.1698, 19.6517, 21.0765



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.



52.2993, 51.3838, 53.6167



79.8549, 77.3617, 79.9369



54.3324, 55.7871, 53.2546



11.8465, 11.8233, 12.4675



16.2879, 8.3880, 1.1564



0.9243, 0.4745, 0.1364

Inverse Universe

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



52.2993, 51.3838, 53.6167



79.8549, 77.3617, 79.9369



51.6054, 55.4510, 68.3053



11.8465, 11.8233, 12.4675



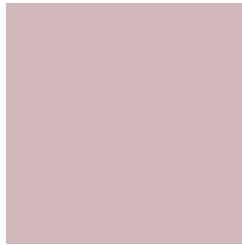
16.2879, 8.3880, 1.1564



0.9243, 0.4745, 0.1364

Previews

White Background



This preview shows how the XYZ color 52.2979, 51.3815, 53.6156 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 52.2979, 51.3815, 53.6156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

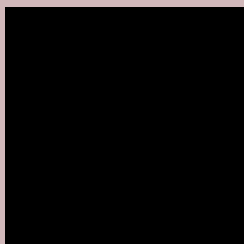
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.2979, 51.3815, 53.6156

Background



This preview shows how black text looks on a background with the XYZ color 52.2979, 51.3815, 53.6156.



This preview shows how white text looks on a background with the XYZ color 52.2979, 51.3815,

53.6156.

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

52.2979, 51.3815, 53.6156

Protanopia

49.3752, 51.4068, 55.4643

Deuteranopia

52.5818, 51.5278, 53.6289



Tritanopia

53.3843, 51.1888, 59.8901

Trichromacy



Original Color

52.2979, 51.3815, 53.6156

Protanomaly

50.4006, 51.3136, 54.8251

Deuteranomaly

52.5818, 51.5278, 53.6289

Tritanomaly

53.1375, 51.4189, 57.5763

Monochromacy



Original Color

52.2979, 51.3815, 53.6156

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.7806, 52.1187, 56.0987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2979, 51.3815, 53.6156 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(209, 184, 186) looks like.

```
.text, #text, p{  
    color:rgb(209, 184, 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(209, 184, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 184, 186) }
```

Border

The CSS property to change the border of an element to XYZ 52.2979, 51.3815, 53.6156 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(209, 184, 186) }
```


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

```
.border{ border-color:rgb(209, 184, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 184, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 184, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 184, 186); box-shadow:4px 4px 4px 4px rgb(209, 184, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2979, 51.3815, 53.6156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 184, 186) }
```

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

```
.background{ background-color: rgb(209,  
184, 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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