

Converting Colors

XYZ(54.7800, 60.7839, 51.4931)

Have a look what the booklet for
XYZ(54.7800, 60.7839, 51.4931)
contains.

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Color

**XYZ(54.7800, 60.7839,
51.4931)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D0B3
RGB	201, 208, 179
RGB Percent	79%, 82%, 70%
CMY	0.2118, 0.1843, 0.2980
CMYK	0.03, 0.00, 0.14, 0.18
HSL	74°, 24%, 76%
HSV	74°, 14%, 82%
XYZ	54.7800, 60.7839, 51.4931
YIQ	202.6010, 5.1370, -10.5030

Conversions

Conversions Part 2

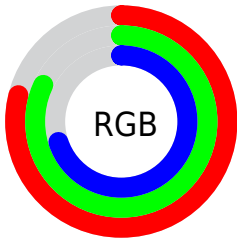
Format	Color
RYB	179, 208, 186
Decimal	13226163
CIELab	82.26, -7.44, 13.60
CIELCh	82, 15.502, 118.702
Yxy	60.7839, 0.3279, 0.3639
Android (android.graphics.Color)	4291416243 (0xFFC9D0B3)
YUV	202.6010, -11.6353, -1.4041
Hunter-Lab	77.9640, -11.0173, 15.4154

Details

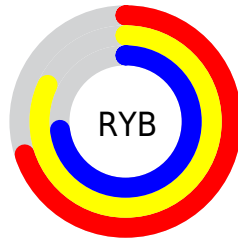
The XYZ color **54.7800, 60.7839, 51.4931** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.7572, 47.2350, 66.2779**, and the grayscale version is **56.5843, 59.5311, 64.8294**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **27.3541, 30.8206, 24.2459** is the 20% darker color. If you saturate the color by 10%, you get **51.5053, 59.3225, 41.1744**, and if you desaturate by 10%, it is **58.4196, 62.4003, 63.4879**.

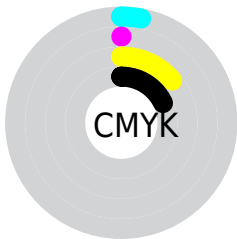
Distribution



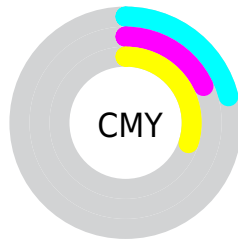
- Red (79%)
- Green (82%)
- Blue (70%)



- Red (70%)
- Yellow (82%)
- Blue (73%)



- Cyan (3%)
- Magenta (0%)
- Yellow (14%)
- Black (18%)



- Cyan (21%)
- Magenta (18%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7800, 60.7839, 51.4931 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 54.7800, 60.7839, 51.4931 by changing the saturation by 10% instead.

■ 54.7800, 60.7839,
51.4931

■ 54.7800, 60.7839,
51.4931

395.2274,
427.4812, 409.3777

■ 39.4588, 44.0508,
36.2217

■ 96.3687, 105.9660,
93.8022

■ 27.2991, 30.7104,
24.3144

123.3670,
135.1837, 121.6770

■ 17.9358, 20.3785,
15.3527

154.9882,
169.3318, 154.5901

■ 11.0033, 12.6704,
8.9179

191.5979,
208.7947, 192.9599

■ 6.1364, 7.2020,
4.5916

233.5612,
253.9566, 237.2050

■ 2.9696, 3.5888,
1.9552

281.2437,

■ 1.1377, 1.4463,

305.2021, 287.7440

0.5275

335.0107,
362.9155, 344.9954

■ 0.0563, 0.2505,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.7800, 60.7839,
51.4931

■ 54.7800, 60.7839,
51.4931

■ 51.5053, 59.3225,
41.1744

■ 58.4196, 62.4003,
63.4879

■ 48.5758, 58.0024,
32.4533

■ 62.4328, 64.1693,
77.2248

■ 45.9778, 56.8197,
25.2507

■ 66.8342, 66.0987,
92.7710

■ 43.6940, 55.7678,
19.4794

■ 70.4542, 67.7209,
103.9658

■ 41.7059, 54.8390,
15.0433

■ 72.0075, 68.5216,
104.0385

■ 39.9925, 54.0250,
11.8346

■ 73.6069, 69.3462,
104.1134

■ 38.5297, 53.3160,
9.7285

■ 75.2529, 70.1947,
104.1904

■ 37.2884, 52.7003,
8.5742

■ 76.9458, 71.0674,
104.2696

■ 36.6135, 52.3605,
8.1769

■ 78.6860, 71.9645,
104.3511

Harmonies

Analogous

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



57.9170, 60.7839, 49.6316



54.7800, 60.7839, 51.4931



52.5207, 60.7839, 57.1873

Triad

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



54.7800, 60.7839, 51.4931



54.5402, 60.7839, 82.9522



64.3500, 60.7839, 66.5956

Complementary

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



54.7800, 60.7839, 51.4931



47.7572, 47.2350, 66.2779

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.



63.3649, 60.7839, 76.0766



54.7800, 60.7839, 51.4931



57.6297, 60.7839, 86.0579

Square

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



54.7800, 60.7839, 51.4931



52.3860, 60.7839, 75.2973



60.8736, 60.7839, 83.4313



63.5178, 60.7839, 57.8361

Rectangle

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



54.7800, 60.7839, 51.4931



51.7733, 60.7839, 62.6877



60.8736, 60.7839, 83.4313



64.2197, 60.7839, 69.8065

Sweetspot

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



54.7816, 60.7866, 51.4944



92.5505, 98.8962, 100.4371



51.6610, 51.6860, 49.9023



19.7113, 21.1244, 21.1679



0.0000, 0.0000, 0.0000



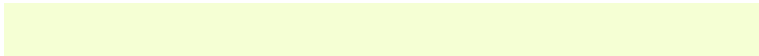
20.3446, 21.4041, 23.3091

Same Dimension

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



54.7816, 60.7866, 51.4944



85.0926, 95.5842, 76.0209



51.1229, 58.9004, 51.3232



12.5129, 13.6478, 12.5868



22.9089, 32.6789, 5.1002



1.3495, 1.8626, 0.2884

Inverse Universe

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



47.7572, 47.2350, 66.2779



71.6665, 69.6804, 104.2802



51.3980, 49.1119, 66.4482



11.4272, 11.5535, 14.8714



7.9961, 3.3024, 37.4085



0.5201, 0.2223, 2.0951

Previews

White Background



This preview shows how the XYZ color 54.7800, 60.7839, 51.4931 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 54.7800, 60.7839, 51.4931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

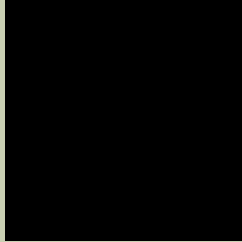
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

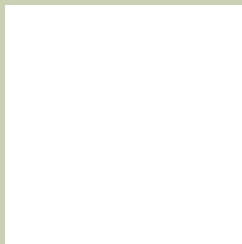
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.7800, 60.7839, 51.4931

Background



This preview shows how black text looks on a background with the XYZ color 54.7800, 60.7839, 51.4931.



This preview shows how white text looks on a background with the XYZ color 54.7800, 60.7839,

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

54.7800, 60.7839, 51.4931

Protanopia

57.2602, 60.6562, 50.2849

Deuteranopia

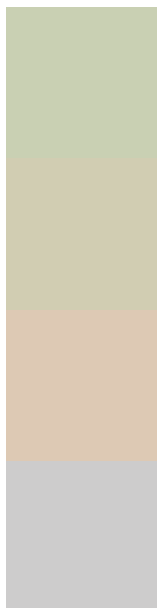
61.9110, 60.5923, 52.1485



Tritanopia

59.5075, 60.5684, 74.8842

Trichromacy



Original Color

54.7800, 60.7839, 51.4931

Protanomaly

56.1617, 60.4323, 50.8240

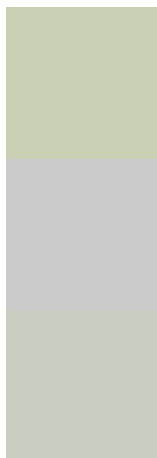
Deuteranomaly

58.9437, 60.4407, 51.7396

Tritanomaly

57.6688, 60.5245, 65.7697

Monochromacy



Original Color

54.7800, 60.7839, 51.4931

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.9260, 60.1142, 59.6945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7800, 60.7839, 51.4931 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, 208, 179)` looks like.

```
.text, #text, p{  
    color:rgb(201, 208, 179)  
}
```

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, 208, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 208, 179) }
```

Border

The CSS property to change the border of an element to XYZ 54.7800, 60.7839, 51.4931 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, 208, 179) }
```


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

```
.border{ border-color:rgb(201, 208, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 208, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 208, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 208, 179); box-shadow:4px 4px 4px 4px rgb(201, 208, 179) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7800, 60.7839, 51.4931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 208, 179) }
```

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

```
.background{ background-color: rgb(201,  
208, 179) }
```

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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