

Converting Colors

XYZ(51.8859, 55.0384, 39.1646)

Have a look what the booklet for
XYZ(51.8859, 55.0384, 39.1646)
contains.

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Color

**XYZ(51.8104, 54.9858,
39.3351)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C39C
RGB	209, 195, 156
RGB Percent	82%, 76%, 61%
CMY	0.1804, 0.2353, 0.3882
CMYK	0.00, 0.07, 0.25, 0.18
HSL	44°, 37%, 72%
HSV	44°, 25%, 82%
XYZ	51.8104, 54.9858, 39.3351
YIQ	194.7400, 20.8630, -9.1610

Conversions

Conversions Part 2

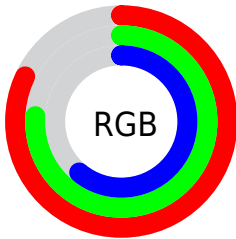
Format	Color
RYB	175, 209, 156
Decimal	13747100
CIELab	79.03, -1.18, 21.41
CIELCh	79, 21.441, 93.166
Yxy	54.9858, 0.3545, 0.3763
Android (android.graphics.Color)	4291937180 (0xFFD1C39C)
YUV	194.7400, -19.0988, 12.5060
Hunter-Lab	74.1524, -5.0485, 20.4555

Details

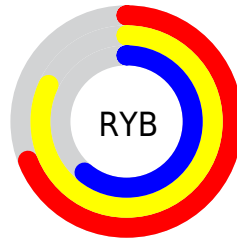
The XYZ color **51.8104, 54.9858, 39.3351** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.5935, 40.4200, 66.0370**, and the grayscale version is **51.8196, 54.5182, 59.3703**.

A 20% lighter version of the original color is **87.4951, 94.9575, 75.3452**, and **25.4011, 26.9397, 17.2257** is the 20% darker color. If you saturate the color by 10%, you get **48.9773, 51.9122, 30.3979**, and if you desaturate by 10%, it is **54.9966, 58.2776, 49.8937**.

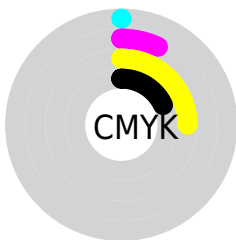
Distribution



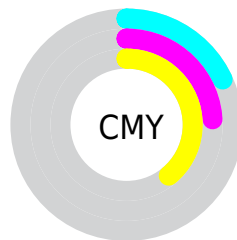
- Red (82%)
- Green (76%)
- Blue (61%)



- Red (69%)
- Yellow (82%)
- Blue (61%)



- Cyan (0%)
- Magenta (7%)
- Yellow (25%)
- Black (18%)





- Cyan (18%)
- Magenta (24%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.8104, 54.9858, 39.3351 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 51.8104, 54.9858, 39.3351 by changing the saturation by 10% instead.


 51.8104, 54.9858,
39.3351

 51.8104, 54.9858,
39.3351


384.0402,
405.8581, 358.7815

 37.0776, 39.3904,
26.7107


 92.0274, 97.5201,
75.3759

 25.4416, 27.0635,
17.1255


 118.2424,
125.2278, 99.6294

 16.5368, 17.6209,
10.1611


149.0155,
157.7417, 128.5964

 9.9981, 10.6782,
5.3989

184.7121,
195.4462, 162.6953

 5.4599, 5.8509,
2.4204

225.6975,
238.7257, 202.3447

 2.5571, 2.7546,
0.7975

272.3371,

 0.9241, 1.0050,

287.9646, 247.9632

0.0000

324.9962,
343.5473, 299.9693

0.0000, 0.0000,
0.0000

51.8104, 54.9858,
39.3351

51.8104, 54.9858,
39.3351

48.9773, 51.9122,
30.3979

54.9966, 58.2776,
49.8937

46.4771, 49.0422,
22.9963

58.5466, 61.7870,
62.1466

44.2935, 46.3704,
17.0419

62.4759, 65.5227,
76.1665

42.4074, 43.8884,
12.4360

66.7976, 69.4908,
92.0208

40.7972, 41.5866,
9.0670

70.6258, 73.3376,
105.0409

■ 39.4378, 39.4544,
6.8058

■ 72.1210, 76.3281,
105.5394

■ 38.2987, 37.4785,
5.4941

■ 73.6648, 79.4156,
106.0539

■ 37.8189, 36.6038,
5.0720

■ 75.2574, 82.6009,
106.5848

■ 76.8995, 85.8850,
107.1322

Harmonies

Analogous

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



56.0552, 54.9858, 41.2510



51.8104, 54.9858, 39.3351



47.9000, 54.9858, 42.2720

Triad

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



51.8104, 54.9858, 39.3351



45.6891, 54.9858, 73.6708



59.9328, 54.9858, 71.1190

Complementary

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



51.8104, 54.9858, 39.3351



39.5935, 40.4200, 66.0370

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.



56.8818, 54.9858, 81.7788



51.8104, 54.9858, 39.3351



48.6446, 54.9858, 83.3873

Square

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



51.8104, 54.9858, 39.3351



44.4889, 54.9858, 61.1777



52.7169, 54.9858, 86.5379



60.8924, 54.9858, 58.5814

Rectangle

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



51.8104, 54.9858, 39.3351



45.9652, 54.9858, 46.8562



52.7169, 54.9858, 86.5379



59.1099, 54.9858, 75.0949

Sweetspot

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



51.8118, 54.9883, 39.3363



90.2431, 95.3660, 91.9458



45.4519, 40.2403, 43.4686



19.1315, 20.2313, 19.0410



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.



51.8118, 54.9883, 39.3363



78.9769, 83.7959, 54.3949



51.7318, 59.8226, 40.2736



12.5283, 13.2473, 12.5087



23.4021, 22.7372, 3.1553



1.3714, 1.3972, 0.1974

Inverse Universe

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



39.5935, 40.4200, 66.0370



56.8798, 57.4538, 102.6995



39.6244, 36.7463, 65.3263



11.4140, 11.9182, 14.9425



8.0132, 4.6729, 37.6721



0.5139, 0.3929, 2.1283

Previews

White Background



This preview shows how the XYZ color 51.8104, 54.9858, 39.3351 looks on a white background.

Color Contrast Check

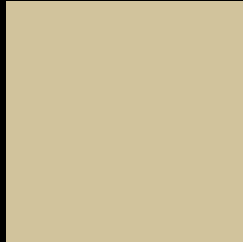
Large Text (above 18pt) WCAG AA × Fail

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 51.8104, 54.9858, 39.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

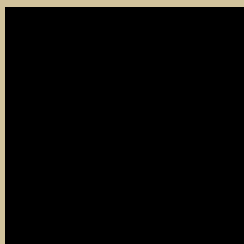
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

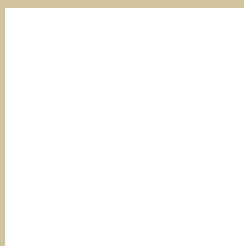
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.8104, 54.9858, 39.3351

Background



This preview shows how black text looks on a background with the XYZ color 51.8104, 54.9858, 39.3351.



This preview shows how white text looks on a background with the XYZ color 51.8104, 54.9858,

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

51.8104, 54.9858, 39.3351

Protanopia

51.5283, 54.8404, 39.3219

Deuteranopia

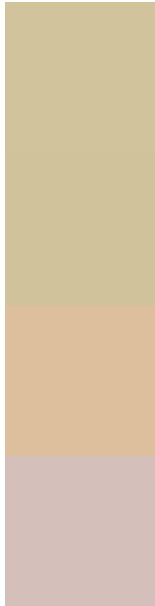
56.0639, 54.8947, 39.5391



Tritanopia

57.0014, 55.1541, 64.1414

Trichromacy



Original Color

51.8104, 54.9858, 39.3351

Protanomaly

51.5283, 54.8404, 39.3219

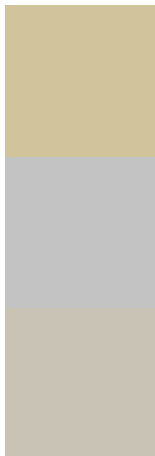
Deuteranomaly

54.5354, 55.0681, 39.6532

Tritanomaly

54.9343, 54.9529, 54.1660

Monochromacy



Original Color

51.8104, 54.9858, 39.3351

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.6750, 54.6458, 51.5402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8104, 54.9858, 39.3351 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, 195, 156)` looks like.

```
.text, #text, p{  
    color:rgb(209, 195, 156)  
}
```

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, 195, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 195, 156) }
```

Border

The CSS property to change the border of an element to XYZ 51.8104, 54.9858, 39.3351 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, 195, 156) }
```


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

```
.border{ border-color:rgb(209, 195, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 195, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 195, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 195, 156);  
box-shadow:4px 4px 4px 4px rgb(209, 195,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8104, 54.9858, 39.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 195, 156) }
```

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

```
.background{ background-color: rgb(209,  
195, 156) }
```

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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