

Converting Colors

XYZ(51.5176, 54.1375, 39.3891)

Have a look what the booklet for
XYZ(51.5176, 54.1375, 39.3891)
contains.

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Color

**XYZ(51.3652, 54.0955,
39.1867)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C19C
RGB	209, 193, 156
RGB Percent	82%, 76%, 61%
CMY	0.1804, 0.2431, 0.3882
CMYK	0.00, 0.08, 0.25, 0.18
HSL	42°, 37%, 72%
HSV	42°, 25%, 82%
XYZ	51.3652, 54.0955, 39.1867
YIQ	193.5660, 21.4130, -8.1150

Conversions

Conversions Part 2

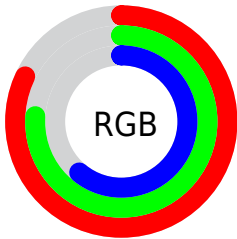
Format	Color
R _Y B	179, 209, 156
Decimal	13746588
CIE Lab	78.52, -0.13, 20.70
CIE LCh	79, 20.699, 90.373
Yxy	54.0955, 0.3551, 0.3740
Android (android.graphics.Color)	4291936668 (0xFFD1C19C)
YUV	193.5660, -18.5200, 13.5356
Hunter-Lab	73.5496, -4.0520, 19.8955

Details

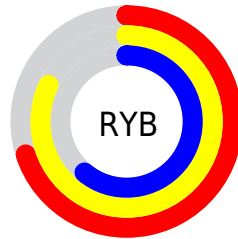
The XYZ color **51.3652, 54.0955, 39.1867** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.9712, 41.1754, 66.1628**, and the grayscale version is **51.1199, 53.7821, 58.5688**.

A 20% lighter version of the original color is **86.8736, 93.7145, 75.1380**, and **25.2543, 26.6461, 17.1768** is the 20% darker color. If you saturate the color by 10%, you get **48.3812, 50.7199, 30.1991**, and if you desaturate by 10%, it is **54.7161, 57.7168, 49.8002**.

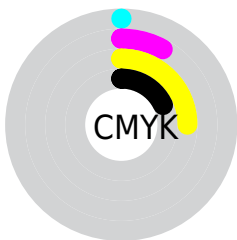
Distribution



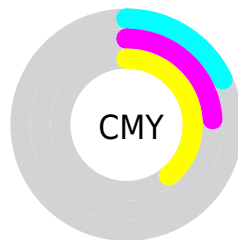
- Red (82%)
- Green (76%)
- Blue (61%)



- Red (70%)
- Yellow (82%)
- Blue (61%)



- Cyan (0%)
- Magenta (8%)
- Yellow (25%)
- Black (18%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.3652, 54.0955, 39.1867 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 51.3652, 54.0955, 39.1867 by changing the saturation by 10% instead.


 51.3652, 54.0955,
39.1867

 51.3652, 54.0955,
39.1867


382.3453,
402.4741, 358.1332

 36.7216, 38.6780,
26.5961


 91.3742, 96.2145,
75.1469

 25.1647, 26.5093,
17.0403


 117.4702,
123.6847, 99.3536

 16.3292, 17.2051,
10.1010

148.1144,
155.9414, 128.2693

 9.8497, 10.3808,
5.3595

183.6721,
193.3688, 162.3127

 5.3609, 5.6522,
2.3973

224.5087,
236.3514, 201.9022

 2.4975, 2.6348,
0.7850

270.9895,

 0.8940, 0.9442,

285.2735, 247.4565

0.0000

323.4800,
340.5196, 299.3940

■ 0.0000, 0.0000,
0.0000

■ 51.3652, 54.0955,
39.1867

■ 51.3652, 54.0955,
39.1867

■ 48.3812, 50.7199,
30.1991

■ 54.7161, 57.7168,
49.8002

■ 45.7434, 47.5750,
22.7517

■ 58.4449, 61.5836,
62.1127

■ 43.4357, 44.6549,
16.7560

■ 62.5671, 65.7053,
76.1969

■ 41.4385, 41.9505,
12.1130

■ 67.0963, 70.0883,
92.1203

■ 39.7298, 39.4520,
8.7112

■ 71.1466, 74.3794,
105.2146

■ 38.2845, 37.1478,
6.4214

■ 72.8790, 77.8441,
105.7920

■ 37.0717, 35.0245,
5.0851

■ 74.6749, 81.4359,
106.3907

■ 36.5617, 34.0895,
4.6529

■ 76.5351, 85.1563,
107.0107

■ 78.4602, 89.0066,
107.6524

Harmonies

Analogous

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



55.3886, 54.0955, 41.4655



51.3652, 54.0955, 39.1867



47.5545, 54.0955, 41.5811

Triad

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



51.3652, 54.0955, 39.1867



44.9468, 54.0955, 70.9938



58.5339, 54.0955, 70.7078

Complementary

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



51.3652, 54.0955, 39.1867



39.9712, 41.1754, 66.1628

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.



55.4814, 54.0955, 80.4647



51.3652, 54.0955, 39.1867



47.6384, 54.0955, 80.6445

Square

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



51.3652, 54.0955, 39.1867



43.9707, 54.0955, 59.0469



51.4671, 54.0955, 84.3165



59.6579, 54.0955, 58.7550

Rectangle

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



51.3652, 54.0955, 39.1867



45.6131, 54.0955, 45.7141



51.4671, 54.0955, 84.3165



57.6916, 54.0955, 74.4068

Sweetspot

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



51.3666, 54.0979, 39.1878



90.0049, 94.8895, 91.8664



45.7053, 40.3416, 44.8037



19.0713, 20.1108, 19.0209



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.



51.3666, 54.0979, 39.1878



78.1580, 82.1582, 54.1219



52.4301, 60.1825, 40.3062



12.4897, 13.1701, 12.4958



22.6329, 21.1987, 2.8989



1.3334, 1.3211, 0.1847

Inverse Universe

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



39.9712, 41.1754, 66.1628



57.5490, 58.7922, 102.9226



39.0642, 36.4575, 65.3000



11.4504, 11.9911, 14.9547



8.2707, 5.1880, 37.7580



0.5321, 0.4293, 2.1344

Previews

White Background



This preview shows how the XYZ color 51.3652, 54.0955, 39.1867 looks on a white background.

Color Contrast Check

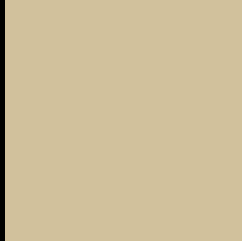
Large Text (above 18pt) WCAG AA × Fail

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 51.3652, 54.0955, 39.1867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

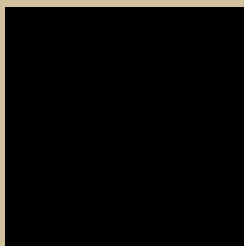
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

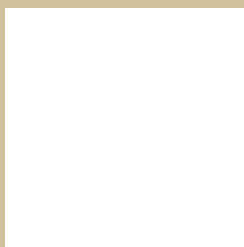
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.3652, 54.0955, 39.1867

Background



This preview shows how black text looks on a background with the XYZ color 51.3652, 54.0955, 39.1867.



This preview shows how white text looks on a background with the XYZ color 51.3652, 54.0955,

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

51.3652, 54.0955, 39.1867

Protanopia

50.7461, 54.1057, 39.2213

Deuteranopia

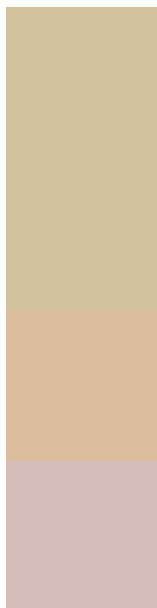
55.2202, 54.1437, 39.4387



Tritanopia

56.3373, 54.2048, 62.7516

Trichromacy



Original Color

51.3652, 54.0955, 39.1867

Protanomaly

51.0247, 54.2493, 39.2344

Deuteranomaly

53.7986, 54.0452, 39.4946

Tritanomaly

54.3951, 54.0441, 53.4636

Monochromacy



Original Color

51.3652, 54.0955, 39.1867

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.0832, 54.0210, 50.9147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3652, 54.0955, 39.1867 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, 193, 156)` looks like.

```
.text, #text, p{  
    color:rgb(209, 193, 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, 193, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 193, 156) }
```

Border

The CSS property to change the border of an element to XYZ 51.3652, 54.0955, 39.1867 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, 193, 156) }
```


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

```
.border{ border-color:rgb(209, 193, 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, 193, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 193, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 193, 156);  
box-shadow:4px 4px 4px 4px rgb(209, 193,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3652, 54.0955, 39.1867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 193, 156) }
```

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

```
.background{ background-color: rgb(209,  
193, 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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