

Converting Colors

XYZ(54.1774, 51.7134, 40.0888)

Have a look what the booklet for
XYZ(54.1774, 51.7134, 40.0888)
contains.

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Color

**XYZ(54.1459, 51.7197,
39.9300)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B59F
RGB	226, 181, 159
RGB Percent	89%, 71%, 62%
CMY	0.1137, 0.2902, 0.3765
CMYK	0.00, 0.20, 0.30, 0.11
HSL	20°, 54%, 75%
HSV	20°, 30%, 89%
XYZ	54.1459, 51.7197, 39.9300
YIQ	191.9470, 33.8820, 2.6980

Conversions

Conversions Part 2

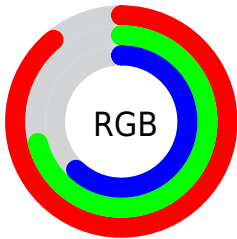
Format	Color
R _Y B	226, 192, 159
Decimal	14857631
CIE Lab	77.11, 13.14, 17.38
CIE LCh	77, 21.791, 52.916
Yxy	51.7197, 0.3714, 0.3547
Android (android.graphics.Color)	4293047711 (0xFFE2B59F)
YUV	191.9470, -16.2429, 29.8645
Hunter-Lab	71.9164, 8.5390, 17.4220

Details

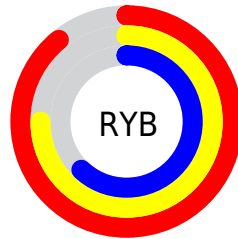
The XYZ color **54.1459, 51.7197, 39.9300** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.6178, 56.0459, 80.1544**, and the grayscale version is **50.1511, 52.7629, 57.4587**.

A 20% lighter version of the original color is **83.6618, 86.6834, 75.9405**, and **27.0035, 25.0671, 17.6026** is the 20% darker color. If you saturate the color by 10%, you get **49.4416, 45.1678, 29.5548**, and if you desaturate by 10%, it is **59.5477, 59.0923, 52.3078**.

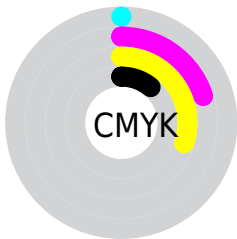
Distribution



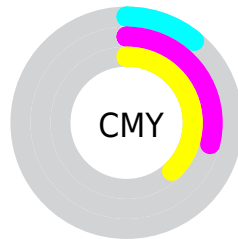
- Red (89%)
- Green (71%)
- Blue (62%)



- Red (89%)
- Yellow (75%)
- Blue (62%)



- Cyan (0%)
- Magenta (20%)
- Yellow (30%)
- Black (11%)





- Cyan (11%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.1459, 51.7197, 39.9300 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 54.1459, 51.7197, 39.9300 by changing the saturation by 10% instead.


 54.1459, 51.7197,
39.9300


 54.1459, 51.7197,
39.9300


392.8554,
393.3535, 361.3718

 38.9495, 36.7817,
27.1706

 95.4441, 92.7177,
76.2928

 26.9010, 25.0385,
17.4678


 122.2765,
119.5465, 100.7333

 17.6351, 16.1058,
10.4031

153.7183,
151.1078, 129.9046

 10.7864, 9.5990,
5.5580

190.1349,
187.7858, 164.2252

 5.9896, 5.1339,
2.5138

231.8915,
229.9649, 204.1137

 2.8794, 2.3260,
0.8475

279.3535,

 1.0903, 0.7874,

278.0297, 249.9886

0.0000

332.8864,
332.3644, 302.2684

■ 0.0170, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1459, 51.7197,
39.9300

■ 54.1459, 51.7197,
39.9300

■ 49.4416, 45.1678,
29.5548

■ 59.5477, 59.0923,
52.3078

■ 45.4005, 39.4001,
21.0725

■ 65.6714, 67.3061,
66.7837

■ 41.9912, 34.3878,
14.3675

■ 72.5448, 76.3898,
83.4507

■ 39.1780, 30.0977,
9.3101

■ 80.1933, 86.3687,
102.3954

■ 36.9209, 26.4932,
5.7527

■ 85.1741, 94.9088,
108.4378

■ 35.1739, 23.5345,
3.5206

■ 33.8685, 21.1706,
2.3243

■ 33.8279, 21.0964,
2.2891

Harmonies

Analogous

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



56.9080, 51.7197, 47.8487



54.1459, 51.7197, 39.9300



50.1522, 51.7197, 36.4854

Triad

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



54.1459, 51.7197, 39.9300



41.6327, 51.7197, 53.5329



52.3421, 51.7197, 80.1861

Complementary

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



54.1459, 51.7197, 39.9300



49.6178, 56.0459, 80.1544

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.



48.1771, 51.7197, 82.2729



54.1459, 51.7197, 39.9300



42.1457, 51.7197, 65.7230

Square

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



54.1459, 51.7197, 39.9300



43.0432, 51.7197, 43.5875



44.4863, 51.7197, 76.6596



55.8262, 51.7197, 71.3038

Rectangle

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



54.1459, 51.7197, 39.9300



47.3900, 51.7197, 36.7896



44.4863, 51.7197, 76.6596



50.9695, 51.7197, 81.7524

Sweetspot

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



54.1473, 51.7221, 39.9311



86.8514, 89.1666, 89.0145



54.7558, 45.3629, 63.4909



18.3225, 18.7295, 18.4128



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.



54.1473, 51.7221, 39.9311



67.0162, 62.2062, 43.2192



61.5972, 66.6221, 42.4144



14.0731, 14.4321, 14.3507



19.3955, 12.2289, 1.3382



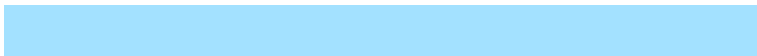
1.4243, 1.0074, 0.1194

Inverse Universe

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



49.6178, 56.0459, 80.1544



60.0800, 68.7972, 104.7204



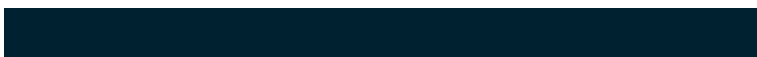
42.6426, 42.0955, 77.8294



13.7174, 14.7739, 17.5164



14.3292, 16.1279, 43.4061



1.0739, 1.2794, 3.0356

Previews

White Background



This preview shows how the XYZ color 54.1459, 51.7197, 39.9300 looks on a white background.

Color Contrast Check

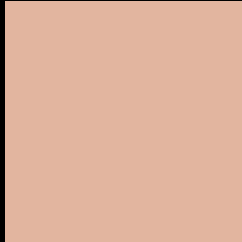
Large Text (above 18pt) WCAG AA × Fail

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 54.1459, 51.7197, 39.9300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

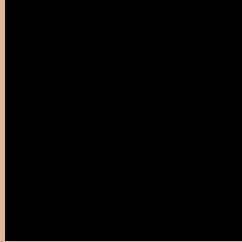
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.1459, 51.7197, 39.9300

Background



This preview shows how black text looks on a background with the XYZ color 54.1459, 51.7197, 39.9300.



This preview shows how white text looks on a background with the XYZ color 54.1459, 51.7197,

39.9300.

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

54.1459, 51.7197, 39.9300

Protanopia

48.9337, 51.7866, 42.5387

Deuteranopia

52.7067, 51.5858, 39.9800



Tritanopia

57.3295, 51.8200, 55.6959

Trichromacy



Original Color

54.1459, 51.7197, 39.9300

Protanomaly

50.5864, 51.7046, 41.4962

Deuteranomaly

53.1102, 51.4887, 39.9400

Tritanomaly

56.0520, 51.5894, 49.6513

Monochromacy



Original Color

54.1459, 51.7197, 39.9300

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.1233, 52.0991, 50.5417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1459, 51.7197, 39.9300 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(226, 181, 159)` looks like.

```
.text, #text, p{  
    color:rgb(226, 181, 159)  
}
```

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(226, 181, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 181, 159) }
```

Border

The CSS property to change the border of an element to XYZ 54.1459, 51.7197, 39.9300 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(226, 181, 159) }
```


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

```
.border{ border-color:rgb(226, 181, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 181, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 181, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 181, 159); box-shadow:4px 4px 4px 4px rgb(226, 181, 159) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1459, 51.7197, 39.9300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 181, 159) }
```

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

```
.background{ background-color: rgb(226,  
181, 159) }
```

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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