

Converting Colors

XYZ(54.0181, 51.3543, 39.9463)

Have a look what the booklet for
XYZ(54.0181, 51.3543, 39.9463)
contains.

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Color

**XYZ(53.9433, 51.3145,
39.8625)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B49F
RGB	226, 180, 159
RGB Percent	89%, 71%, 62%
CMY	0.1137, 0.2941, 0.3765
CMYK	0.00, 0.20, 0.30, 0.11
HSL	19°, 54%, 75%
HSV	19°, 30%, 89%
XYZ	53.9433, 51.3145, 39.8625
YIQ	191.3600, 34.1570, 3.2210

Conversions

Conversions Part 2

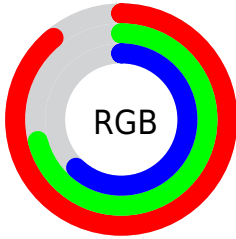
Format	Color
R _Y B	226, 190, 159
Decimal	14857375
CIE Lab	76.87, 13.67, 17.04
CIE LCh	77, 21.850, 51.263
Yxy	51.3145, 0.3717, 0.3536
Android (android.graphics.Color)	4293047455 (0xFFE2B49F)
YUV	191.3600, -15.9535, 30.3793
Hunter-Lab	71.6341, 9.0577, 17.1506

Details

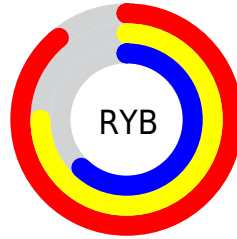
The XYZ color **53.9433, 51.3145, 39.8625** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.8562, 56.5228, 80.2339**, and the grayscale version is **49.8073, 52.4011, 57.0648**.

A 20% lighter version of the original color is **83.3731, 86.1059, 75.8442**, and **26.8737, 24.8075, 17.5593** is the 20% darker color. If you saturate the color by 10%, you get **49.2001, 44.6848, 29.4743**, and if you desaturate by 10%, it is **59.3984, 58.7937, 52.2581**.

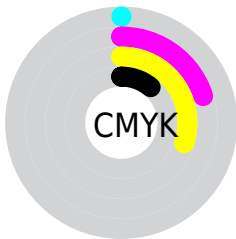
Distribution



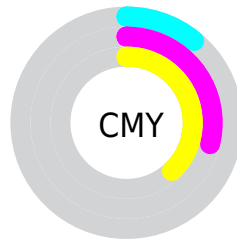
- Red (89%)
- Green (71%)
- Blue (62%)



- 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 53.9433, 51.3145, 39.8625 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 53.9433, 51.3145, 39.8625 by changing the saturation by 10% instead.


 53.9433, 51.3145,
39.8625


 53.9433, 51.3145,
39.8625


392.0956,
391.7845, 361.0785

 38.7868, 36.4590,
27.1184


 95.1484, 92.1195,
76.1889

 26.7739, 24.7889,
17.4289


 121.9277,
118.8377, 100.6082

 17.5392, 15.9198,
10.3756


153.3120,
150.2790, 129.7564

 10.7173, 9.4674,
5.5398

189.6666,
186.8277, 164.0519

 5.9430, 5.0473,
2.5031

231.3569,
228.8682, 203.9134

 2.8508, 2.2750,
0.8418

278.7483,

 1.0753, 0.7605,

276.7849, 249.7593

0.0000

332.2061,
330.9622, 302.0081

■ 0.0043, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9433, 51.3145,
39.8625

■ 53.9433, 51.3145,
39.8625

■ 49.2001, 44.6848,
29.4743

■ 59.3984, 58.7937,
52.2581

■ 45.1337, 38.8665,
20.9836

■ 65.5904, 67.1443,
66.7567

■ 41.7119, 33.8292,
14.2744

■ 72.5481, 76.3964,
83.4518

■ 38.8980, 29.5378,
9.2168

■ 80.2972, 86.5765,
102.4301

■ 36.6511, 25.9538,
5.6628

■ 85.1741, 94.9088,
108.4378

■ 34.9242, 23.0352,
3.4374

■ 33.6473, 20.7283,
2.2506

■ 33.6079, 20.6564,
2.2158

Harmonies

Analogous

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



56.6011, 51.3145, 47.9814



53.9433, 51.3145, 39.8625



49.9962, 51.3145, 36.1768

Triad

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



53.9433, 51.3145, 39.8625



41.2970, 51.3145, 52.4697



51.7270, 51.3145, 80.0152

Complementary

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



53.9433, 51.3145, 39.8625



49.8562, 56.5228, 80.2339

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.



47.5697, 51.3145, 81.6676



53.9433, 51.3145, 39.8625



41.7019, 51.3145, 64.5851

Square

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



53.9433, 51.3145, 39.8625



42.8044, 51.3145, 42.7470



43.9439, 51.3145, 75.6814



55.2719, 51.3145, 71.4430

Rectangle

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



53.9433, 51.3145, 39.8625



47.2296, 51.3145, 36.3080



43.9439, 51.3145, 75.6814



50.3495, 51.3145, 81.4423

Sweetspot

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



53.9446, 51.3169, 39.8635



86.7508, 88.9655, 88.9810



54.8910, 45.4170, 64.2025



18.2979, 18.6802, 18.4046



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.



53.9446, 51.3169, 39.8635



66.7139, 61.6018, 43.1185



61.3161, 66.0598, 42.3207



14.0561, 14.3982, 14.3451



19.2670, 11.9720, 1.2953



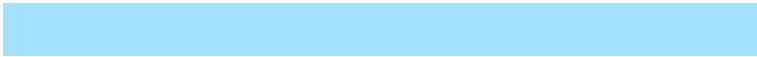
1.4138, 0.9864, 0.1159

Inverse Universe

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



49.8562, 56.5228, 80.2339



60.4516, 69.5403, 104.8442



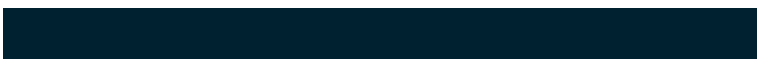
42.8549, 42.5201, 77.9001



13.7352, 14.8095, 17.5223



14.6433, 16.7562, 43.5108



1.0940, 1.3194, 3.0423

Previews

White Background



This preview shows how the XYZ color 53.9433, 51.3145, 39.8625 looks on a white background.

Color Contrast Check

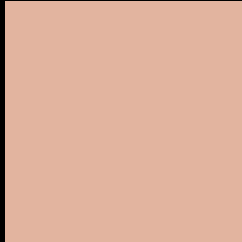
Large Text (above 18pt) WCAG AA × Fail

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 53.9433, 51.3145, 39.8625 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 53.9433, 51.3145, 39.8625

Background



This preview shows how black text looks on a background with the XYZ color 53.9433, 51.3145, 39.8625.



This preview shows how white text looks on a background with the XYZ color 53.9433, 51.3145,

39.8625.

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

53.9433, 51.3145, 39.8625

Protanopia

48.4516, 51.2176, 42.4543

Deuteranopia

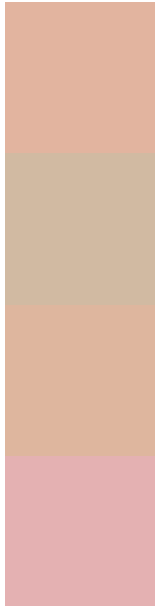
52.3185, 51.3957, 39.5106



Tritanopia

57.0237, 51.3828, 55.0565

Trichromacy



Original Color

53.9433, 51.3145, 39.8625

Protanomaly

50.3750, 51.2818, 41.4257

Deuteranomaly

53.0237, 51.4541, 39.4847

Tritanomaly

55.7529, 51.1526, 49.0544

Monochromacy



Original Color

53.9433, 51.3145, 39.8625

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.8088, 51.6327, 49.9360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9433, 51.3145, 39.8625 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, 180, 159)` looks like.

```
.text, #text, p{  
    color:rgb(226, 180, 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, 180, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 180, 159) }
```

Border

The CSS property to change the border of an element to XYZ 53.9433, 51.3145, 39.8625 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, 180, 159) }
```


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

```
.border{ border-color:rgb(226, 180, 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, 180, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 180, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 180, 159);  
box-shadow:4px 4px 4px 4px rgb(226, 180,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9433, 51.3145, 39.8625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 180, 159) }
```

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

```
.background{ background-color: rgb(226,  
180, 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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