

Converting Colors

XYZ(53.5716, 51.5765, 39.0665)

Have a look what the booklet for
XYZ(53.5716, 51.5765, 39.0665)
contains.

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Color

**XYZ(53.3501, 51.3294,
38.9940)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E0B59D |
| RGB | 224, 181, 157 |
| RGB Percent | 88%, 71%, 62% |
| CMY | 0.1216, 0.2902, 0.3843 |
| CMYK | 0.00, 0.19, 0.30, 0.12 |
| HSL | 21°, 52%, 75% |
| HSV | 21°, 30%, 88% |
| XYZ | 53.3501, 51.3294, 38.9940 |
| YIQ | 191.1210, 33.3320, 1.6520 |

Conversions

Conversions Part 2

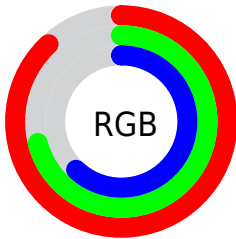
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 224, 194, 157 |
| Decimal | 14726557 |
| CIE _{Lab} | 76.88, 12.11, 18.11 |
| CIE _{LCh} | 77, 21.783, 56.222 |
| Yxy | 51.3294, 0.3713, 0.3573 |
| Android (android.graphics.Color) | 4292916637 (0xFFE0B59D) |
| YUV | 191.1210, -16.8217, 28.8349 |
| Hunter-Lab | 71.6445, 7.5421, 17.8814 |

Details

The XYZ color **53.3501, 51.3294, 38.9940** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.0127, 53.8566, 78.3858**, and the grayscale version is **49.6736, 52.2605, 56.9116**.

A 20% lighter version of the original color is **83.4079, 86.5818, 74.6033**, and **26.4691, 24.8038, 17.0282** is the 20% darker color. If you saturate the color by 10%, you get **48.8369, 45.0879, 28.9037**, and if you desaturate by 10%, it is **58.5182, 58.3191, 51.0335**.

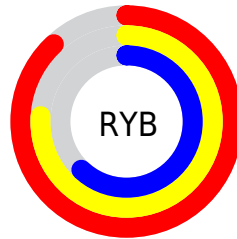
Distribution



Red (88%)

Green (71%)

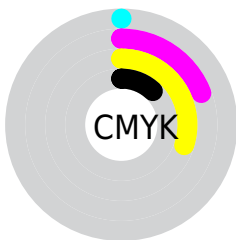
Blue (62%)



Red (88%)

Yellow (76%)

Blue (62%)

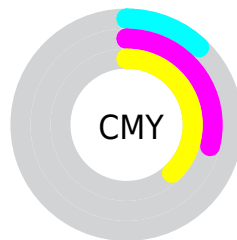


Cyan (0%)

Magenta (19%)

Yellow (30%)

Black (12%)



Cyan (12%)


Magenta (29%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3501, 51.3294, 38.9940 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 53.3501, 51.3294, 38.9940 by changing the saturation by 10% instead.


 53.3501, 51.3294,
38.9940

 53.3501, 51.3294,
38.9940


389.8658,
391.8422, 357.2902

 38.3109, 36.4708,
26.4473


 94.2818, 92.1415,
74.8494

 26.4024, 24.7980,
16.9298


 120.9051,
118.8638, 98.9951

 17.2592, 15.9267,
10.0230

152.1205,
150.3095, 127.8443

 10.5159, 9.4723,
5.3084

188.2932,
186.8629, 161.8154

 5.8072, 5.0505,
2.3674

229.7888,
228.9085, 201.3270

 2.7677, 2.2769,
0.7686

276.9725,

 1.0322, 0.7614,

276.8307, 246.7976

0.0000

330.2097,
331.0138, 298.6459

0.0000, 0.0000,
0.0000

53.3501, 51.3294,
38.9940

53.3501, 51.3294,
38.9940

48.8369, 45.0879,
28.9037

58.5182, 58.3191,
51.0335

44.9463, 39.5616,
20.6553

64.3637, 66.0743,
65.1152

41.6491, 34.7253,
14.1361

70.9127, 74.6209,
81.3301

38.9118, 30.5497,
9.2194

78.1889, 83.9809,
99.7625

36.6970, 27.0025,
5.7606

83.8773, 93.2410,
108.1842

■ 34.9617, 24.0486,
3.5890

■ 84.5504, 94.5873,
108.4086

■ 33.6385, 21.6415,
2.4101

■ 33.6278, 21.6221,
2.4011

Harmonies

Analogous

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



56.2857, 51.3294, 46.4051



53.3501, 51.3294, 38.9940



49.3137, 51.3294, 36.0801

Triad

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



53.3501, 51.3294, 38.9940



41.2642, 51.3294, 54.3994



52.3911, 51.3294, 78.9481

Complementary

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



53.3501, 51.3294, 38.9940



48.0127, 53.8566, 78.3858

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.



48.2641, 51.3294, 81.8761



53.3501, 51.3294, 38.9940



41.9858, 51.3294, 66.5843

Square

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



53.3501, 51.3294, 38.9940



42.4624, 51.3294, 44.1431



44.4919, 51.3294, 77.0710



55.7104, 51.3294, 69.5529

Rectangle

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



53.3501, 51.3294, 38.9940



46.5960, 51.3294, 36.7251



44.4919, 51.3294, 77.0710



51.0458, 51.3294, 80.7737

Sweetspot

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



53.3514, 51.3318, 38.9951



87.0530, 89.5698, 89.0817



53.2875, 44.1576, 60.6962



18.3720, 18.8284, 18.4293



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.



53.3514, 51.3318, 38.9951



67.6291, 63.4321, 43.4235



60.8603, 66.3496, 41.4980



14.1071, 14.5002, 14.3621



19.6729, 12.7837, 1.4306



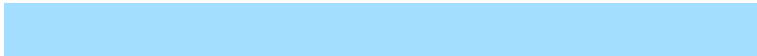
1.4463, 1.0515, 0.1267

Inverse Universe

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



48.0127, 53.8566, 78.3858



59.3457, 67.3285, 104.4756



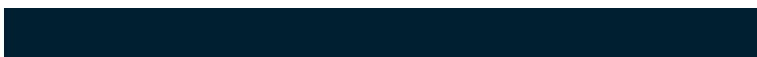
41.1876, 40.2063, 76.1107



13.6819, 14.7030, 17.5045



13.7266, 14.9228, 43.2053



1.0352, 1.2019, 3.0227

Previews

White Background



This preview shows how the XYZ color 53.3501, 51.3294, 38.9940 looks on a white background.

Color Contrast Check

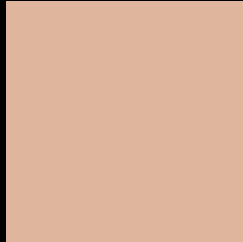
Large Text (above 18pt) WCAG AA × Fail

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 53.3501, 51.3294, 38.9940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

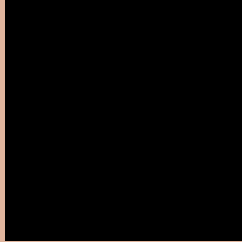
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.3501, 51.3294, 38.9940

Background



This preview shows how black text looks on a background with the XYZ color 53.3501, 51.3294, 38.9940.



This preview shows how white text looks on a background with the XYZ color 53.3501, 51.3294,

38.9940.

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

53.3501, 51.3294, 38.9940

Protanopia

48.6659, 51.6795, 41.1284

Deuteranopia

52.5345, 51.5169, 39.0732



Tritanopia

56.8145, 51.2624, 55.6154

Trichromacy



Original Color

53.3501, 51.3294, 38.9940

Protanomaly

50.4100, 51.6340, 40.5672

Deuteranomaly

52.6325, 51.2624, 39.0189

Tritanomaly

55.6348, 51.3860, 49.1057

Monochromacy



Original Color

53.3501, 51.3294, 38.9940

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.5356, 51.4918, 49.9232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3501, 51.3294, 38.9940 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(224, 181, 157)` looks like.

```
.text, #text, p{  
    color:rgb(224, 181, 157)  
}
```

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(224, 181, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 181, 157) }
```

Border

The CSS property to change the border of an element to XYZ 53.3501, 51.3294, 38.9940 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(224, 181, 157) }
```


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

```
.border{ border-color:rgb(224, 181, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 181, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 181, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 181, 157);  
box-shadow:4px 4px 4px 4px rgb(224, 181,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3501, 51.3294, 38.9940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 181, 157) }
```

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

```
.background{ background-color: rgb(224,  
181, 157) }
```

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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