

Converting Colors

XYZ(53.9016, 50.3093, 38.4309)

Have a look what the booklet for
XYZ(53.9016, 50.3093, 38.4309)
contains.

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Color

**XYZ(54.0360, 50.5026,
38.3525)**

Conversions

Conversions Part 1

Format	Color
Hex	E5B19C
RGB	229, 177, 156
RGB Percent	90%, 69%, 61%
CMY	0.1020, 0.3059, 0.3882
CMYK	0.00, 0.23, 0.32, 0.10
HSL	17°, 58%, 75%
HSV	17°, 32%, 90%
XYZ	54.0360, 50.5026, 38.3525
YIQ	190.1540, 37.7330, 4.4930

Conversions

Conversions Part 2

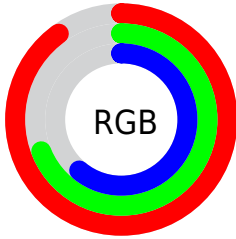
Format	Color
R _Y B	229, 185, 156
Decimal	15053212
CIE Lab	76.38, 16.03, 18.02
CIE LCh	76, 24.123, 48.348
Yxy	50.5026, 0.3782, 0.3534
Android (android.graphics.Color)	4293243292 (0xFFE5B19C)
YUV	190.1540, -16.8379, 34.0679
Hunter-Lab	71.0652, 11.3624, 17.7480

Details

The XYZ color **54.0360, 50.5026, 38.3525** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.4083, 57.8350, 82.6353**, and the grayscale version is **49.1122, 51.6698, 56.2684**.

A 20% lighter version of the original color is **82.1368, 84.2410, 73.5591**, and **26.7707, 24.2059, 16.6258** is the 20% darker color. If you saturate the color by 10%, you get **49.2454, 43.7375, 28.0738**, and if you desaturate by 10%, it is **59.5799, 58.1888, 50.6870**.

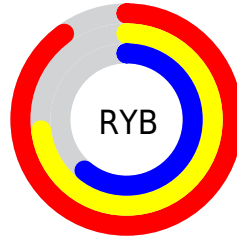
Distribution



Red (90%)

Green (69%)

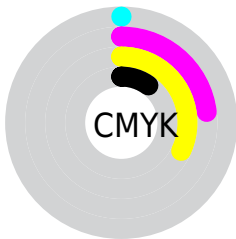
Blue (61%)



Red (90%)

Yellow (73%)

Blue (61%)

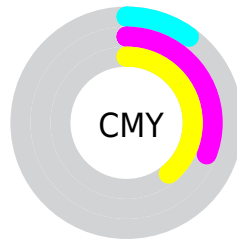


Cyan (0%)

Magenta (23%)

Yellow (32%)

Black (10%)



Cyan (10%)


Magenta (31%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.0360, 50.5026, 38.3525 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 54.0360, 50.5026, 38.3525 by changing the saturation by 10% instead.


 54.0360, 50.5026,
38.3525

 54.0360, 50.5026,
38.3525


392.4434,
388.6282, 354.4731

 38.8612, 35.8129,
25.9524


 95.2837, 90.9191,
73.8575

 26.8320, 24.2897,
16.5626

 122.0873,
117.4147, 97.7995

 17.5830, 15.5487,
9.7645


153.4979,
148.6144, 126.4260

 10.7489, 9.2054,
5.1395

189.8809,
184.9026, 160.1554

 5.9643, 4.8754,
2.2692

231.6016,
226.6637, 199.4062

 2.8638, 2.1743,
0.7139

279.0253,

 1.0822, 0.7059,

274.2820, 244.5971

0.0000

332.5175,
328.1421, 296.1466

■ 0.0101, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.0360, 50.5026,
38.3525

■ 54.0360, 50.5026,
38.3525

■ 49.2454, 43.7375,
28.0738

■ 59.5799, 58.1888,
50.6870

■ 45.1701, 37.8513,
19.7347

■ 65.9051, 66.8224,
65.1784

■ 41.7745, 32.8085,
13.2125

■ 73.0427, 76.4372,
81.9250

■ 39.0180, 28.5687,
8.3684

■ 81.0211, 87.0634,
101.0179

■ 36.8552, 25.0876,
5.0439

■ 86.1232, 95.3980,
108.4822

■ 35.2335, 22.3160,
3.0488

■ 34.2550, 20.5418,
2.1595

Harmonies

Analogous

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



56.7673, 50.5026, 47.4924



54.0360, 50.5026, 38.3525



49.7848, 50.5026, 33.9683

Triad

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



54.0360, 50.5026, 38.3525



39.9536, 50.5026, 50.0953



50.8003, 50.5026, 82.2770

Complementary

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



54.0360, 50.5026, 38.3525



50.4083, 57.8350, 82.6353

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.



46.2607, 50.5026, 83.2692



54.0360, 50.5026, 38.3525



40.1875, 50.5026, 63.2351

Square

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



54.0360, 50.5026, 38.3525



41.7730, 50.5026, 39.9986



42.4333, 50.5026, 75.8506



54.8196, 50.5026, 73.3220

Rectangle

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



54.0360, 50.5026, 38.3525



46.7456, 50.5026, 33.7872



42.4333, 50.5026, 75.8506



49.2791, 50.5026, 83.5995

Sweetspot

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



54.0373, 50.5050, 38.3535



85.6899, 87.4193, 86.8526



55.6261, 45.0052, 65.6344



18.0779, 18.3549, 17.9777



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.



54.0373, 50.5050, 38.3535



64.9752, 58.8421, 40.3260



62.1545, 66.7394, 41.0593



14.7131, 15.0401, 15.0320



19.6747, 11.9235, 1.2645



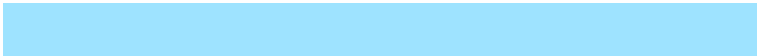
1.5315, 1.0363, 0.1193

Inverse Universe

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



50.4083, 57.8350, 82.6353



59.6717, 69.5022, 104.8780



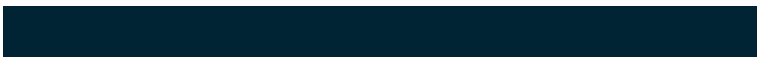
42.5714, 42.1610, 80.0230



14.4387, 15.5989, 18.3942



15.6936, 18.4492, 45.1171



1.2383, 1.5206, 3.3602

Previews

White Background



This preview shows how the XYZ color 54.0360, 50.5026, 38.3525 looks on a white background.

Color Contrast Check

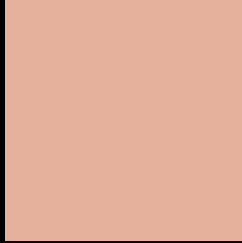
Large Text (above 18pt) WCAG AA × Fail

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 54.0360, 50.5026, 38.3525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

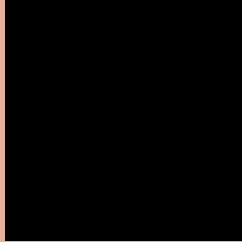
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.0360, 50.5026, 38.3525

Background



This preview shows how black text looks on a background with the XYZ color 54.0360, 50.5026, 38.3525.



This preview shows how white text looks on a background with the XYZ color 54.0360, 50.5026,

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

54.0360, 50.5026, 38.3525

Protanopia

47.7049, 50.5454, 40.9601

Deuteranopia

51.6537, 50.4744, 38.0304



Tritanopia

57.0852, 50.5881, 53.2101

Trichromacy



Original Color

54.0360, 50.5026, 38.3525

Protanomaly

49.6930, 50.3395, 39.8983

Deuteranomaly

52.6691, 50.6970, 38.0199

Tritanomaly

55.8289, 50.3562, 47.3347

Monochromacy



Original Color

54.0360, 50.5026, 38.3525

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.2867, 50.7496, 49.2647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0360, 50.5026, 38.3525 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(229, 177, 156)` looks like.

```
.text, #text, p{  
    color:rgb(229, 177, 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(229, 177, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 177, 156) }
```

Border

The CSS property to change the border of an element to XYZ 54.0360, 50.5026, 38.3525 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(229, 177, 156) }
```


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

```
.border{ border-color:rgb(229, 177, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 177, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 177, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 177, 156);  
box-shadow:4px 4px 4px 4px rgb(229, 177,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0360, 50.5026, 38.3525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 177, 156) }
```

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

```
.background{ background-color: rgb(229,  
177, 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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