

Converting Colors

XYZ(53.4938, 50.9848, 38.4901)

Have a look what the booklet for
XYZ(53.4938, 50.9848, 38.4901)
contains.

XYZ(53.6860, 51.2116, 38.5078)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.6860, 51.2116,
38.5078)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B49C
RGB	226, 180, 156
RGB Percent	89%, 71%, 61%
CMY	0.1137, 0.2941, 0.3882
CMYK	0.00, 0.20, 0.31, 0.11
HSL	21°, 55%, 75%
HSV	21°, 31%, 89%
XYZ	53.6860, 51.2116, 38.5078
YIQ	191.0180, 35.1200, 2.2880

Conversions

Conversions Part 2

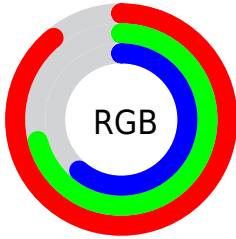
Format	Color
R _Y B	226, 193, 156
Decimal	14857372
CIE Lab	76.81, 13.28, 18.58
CIE LCh	77, 22.836, 54.437
Yxy	51.2116, 0.3744, 0.3571
Android (android.graphics.Color)	4293047452 (0xFFE2B49C)
YUV	191.0180, -17.2639, 30.6792
Hunter-Lab	71.5623, 8.6767, 18.1895

Details

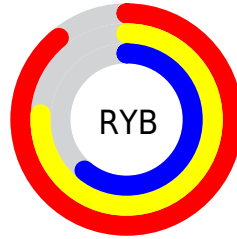
The XYZ color **53.6860, 51.2116, 38.5078** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.5576, 54.7981, 79.9693**, and the grayscale version is **49.6155, 52.1994, 56.8451**.

A 20% lighter version of the original color is **82.9933, 85.9541, 73.8446**, and **26.5014, 24.6337, 16.7226** is the 20% darker color. If you saturate the color by 10%, you get **49.1087, 44.8399, 28.4027**, and if you desaturate by 10%, it is **58.9432, 58.3729, 50.5973**.

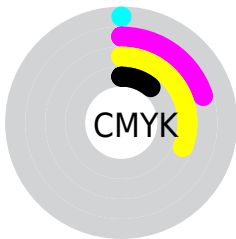
Distribution



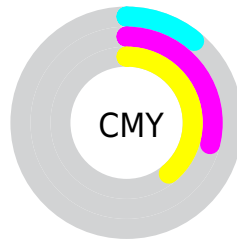
- Red (89%)
- Green (71%)
- Blue (61%)



- Red (89%)
- Yellow (76%)
- Blue (61%)



- Cyan (0%)
- Magenta (20%)
- Yellow (31%)
- Black (11%)





- Cyan (11%)
- Magenta (29%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6860, 51.2116, 38.5078 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 53.6860, 51.2116, 38.5078 by changing the saturation by 10% instead.


 53.6860, 51.2116,
38.5078

 53.6860, 51.2116,
38.5078


391.1294,
391.3853, 355.1566

 38.5804, 36.3770,
26.0722


 94.7726, 91.9675,
74.0978

 26.6127, 24.7255,
16.6514


 121.4844,
118.6576, 98.0893

 17.4176, 15.8727,
9.8269


152.7955,
150.0683, 126.7698

 10.6298, 9.4341,
5.1803

189.0713,
186.5841, 160.5579

 5.8840, 5.0254,
2.2928

230.6773,
228.5893, 199.8720

 2.8146, 2.2622,
0.7272

277.9787,

 1.0565, 0.7536,

276.4683, 245.1309

0.0000

331.3410,
330.6055, 296.7529

■ 0.0000, 0.0000,
0.0000

■ 53.6860, 51.2116,
38.5078

■ 53.6860, 51.2116,
38.5078

■ 49.1087, 44.8399,
28.4027

■ 58.9432, 58.3729,
50.5973

■ 45.1776, 39.2226,
20.1713

■ 64.9043, 66.3432,
64.7674

■ 41.8616, 34.3322,
13.6968

■ 71.5968, 75.1502,
81.1118

■ 39.1253, 30.1367,
8.8477

■ 79.0456, 84.8178,
99.7176

■ 36.9291, 26.6012,
5.4738

■ 84.9368, 94.4344,
108.3588

■ 35.2270, 23.6869,
3.3961

■ 85.1740, 94.9087,
108.4378

■ 34.0531, 21.5469,
2.3642

Harmonies

Analogous

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



56.6655, 51.2116, 46.4563



53.6860, 51.2116, 38.5078



49.4877, 51.2116, 35.2151

Triad

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



53.6860, 51.2116, 38.5078



40.8410, 51.2116, 53.4781



52.2056, 51.2116, 80.4417

Complementary

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



53.6860, 51.2116, 38.5078



48.5576, 54.7981, 79.9693

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.



47.8714, 51.2116, 83.0563



53.6860, 51.2116, 38.5078



41.4735, 51.2116, 66.2313

Square

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



53.6860, 51.2116, 38.5078



42.2041, 51.2116, 42.9965



43.9861, 51.2116, 77.5227



55.7758, 51.2116, 70.8299

Rectangle

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



53.6860, 51.2116, 38.5078



46.6263, 51.2116, 35.6893



43.9861, 51.2116, 77.5227



50.7830, 51.2116, 82.2226

Sweetspot

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



53.6873, 51.2140, 38.5088



86.9492, 89.3622, 89.0471



53.9926, 44.2421, 61.9860



18.3465, 18.7775, 18.4208



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.



53.6873, 51.2140, 38.5088



66.7133, 61.9631, 42.0005



61.4960, 66.8312, 41.1117



14.0896, 14.4651, 14.3562



19.5268, 12.4915, 1.3819



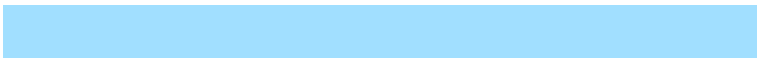
1.4348, 1.0284, 0.1229

Inverse Universe

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



48.5576, 54.7981, 79.9693



58.9704, 67.3465, 104.4988



41.3795, 40.4419, 77.5766



13.7002, 14.7395, 17.5106



14.0323, 15.5341, 43.3072



1.0549, 1.2413, 3.0292

Previews

White Background



This preview shows how the XYZ color 53.6860, 51.2116, 38.5078 looks on a white background.

Color Contrast Check

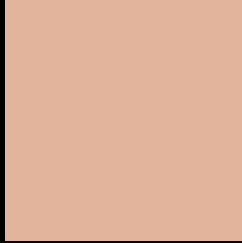
Large Text (above 18pt) WCAG AA × Fail

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 53.6860, 51.2116, 38.5078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

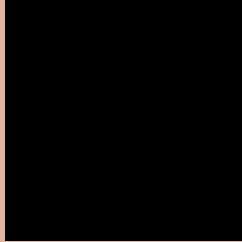
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6860, 51.2116, 38.5078

Background



This preview shows how black text looks on a background with the XYZ color 53.6860, 51.2116, 38.5078.



This preview shows how white text looks on a background with the XYZ color 53.6860, 51.2116,

38.5078.

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

53.6860, 51.2116, 38.5078

Protanopia

48.4500, 51.2478, 41.0564

Deuteranopia

52.2439, 51.0718, 38.5568



Tritanopia

57.1484, 51.1571, 55.0064

Trichromacy



Original Color

53.6860, 51.2116, 38.5078

Protanomaly

50.1114, 51.1763, 40.0378

Deuteranomaly

52.6488, 50.9776, 38.5173

Tritanomaly

55.9711, 51.2766, 48.5424

Monochromacy



Original Color

53.6860, 51.2116, 38.5078

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.7080, 51.5924, 49.4052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6860, 51.2116, 38.5078 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, 156)` looks like.

```
.text, #text, p{  
    color:rgb(226, 180, 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(226, 180, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 180, 156) }
```

Border

The CSS property to change the border of an element to XYZ 53.6860, 51.2116, 38.5078 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, 156) }
```


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

```
.border{ border-color:rgb(226, 180, 156) }
```

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, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 180, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 180, 156);  
box-shadow:4px 4px 4px 4px rgb(226, 180,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6860, 51.2116, 38.5078 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, 156) }
```

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

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

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor