

Converting Colors

XYZ(53.8769, 51.5849, 37.9228)

Have a look what the booklet for
XYZ(53.8769, 51.5849, 37.9228)
contains.

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Color

**XYZ(53.8043, 51.5831,
38.1311)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B59B
RGB	226, 181, 155
RGB Percent	89%, 71%, 61%
CMY	0.1137, 0.2902, 0.3922
CMYK	0.00, 0.20, 0.31, 0.11
HSL	22°, 55%, 75%
HSV	22°, 31%, 89%
XYZ	53.8043, 51.5831, 38.1311
YIQ	191.4910, 35.1660, 1.4540

Conversions

Conversions Part 2

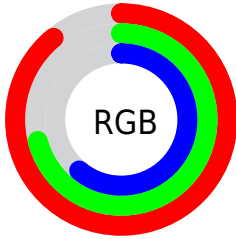
Format	Color
RYB	226, 196, 155
Decimal	14857627
CIELab	77.03, 12.62, 19.42
CIELCh	77, 23.164, 56.990
Yxy	51.5831, 0.3749, 0.3594
Android (android.graphics.Color)	4293047707 (0xFFE2B59B)
YUV	191.4910, -17.9901, 30.2644
Hunter-Lab	71.8214, 8.0342, 18.7970

Details

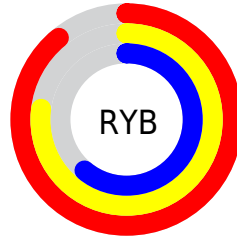
The XYZ color **53.8043, 51.5831, 38.1311** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.8986, 53.7663, 79.8050**, and the grayscale version is **49.8946, 52.4930, 57.1648**.

A 20% lighter version of the original color is **83.1570, 86.4815, 73.2825**, and **26.5800, 24.8728, 16.4967** is the 20% darker color. If you saturate the color by 10%, you get **49.3172, 45.3673, 28.1316**, and if you desaturate by 10%, it is **58.9487, 58.5446, 50.1033**.

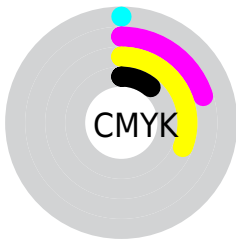
Distribution



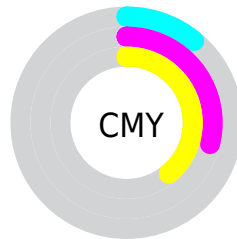
- Red (89%)
- Green (71%)
- Blue (61%)



- Red (89%)
- Yellow (77%)
- 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 53.8043, 51.5831, 38.1311 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 53.8043, 51.5831, 38.1311 by changing the saturation by 10% instead.

 53.8043, 51.5831,
38.1311


 53.8043, 51.5831,
38.1311


391.5738,
392.8250, 353.4971

 38.6753, 36.6729,
25.7818

 94.9454, 92.5161,
73.5147

 26.6868, 24.9543,
16.4362


 121.6882,
119.3077, 97.3861

 17.4735, 16.0430,
9.6757

153.0330,
150.8285, 125.9353

 10.6700, 9.5546,
5.0817

189.3451,
187.4630, 159.5808

 5.9111, 5.1047,
2.2357

230.9899,
229.5954, 198.7412

 2.8312, 2.3088,
0.6948

278.3327,

 1.0652, 0.7784,

277.6104, 243.8350

0.0000

331.7389,
331.8921, 295.2808

■ 0.0000, 0.0000,
0.0000

■ 53.8043, 51.5831,
38.1311

■ 53.8043, 51.5831,
38.1311

■ 49.3172, 45.3673,
28.1316

■ 58.9487, 58.5446,
50.1033

■ 45.4547, 39.8641,
19.9941

■ 64.7734, 66.2692,
64.1445

■ 42.1866, 35.0482,
13.6016

■ 71.3050, 74.7826,
80.3481

■ 39.4788, 30.8901,
8.8223

■ 78.5675, 84.1072,
98.8013

■ 37.2928, 27.3574,
5.5056

■ 84.4188, 93.3983,
108.1861

■ 35.5837, 24.4145,
3.4712

■ 85.1741, 94.9088,
108.4378

■ 34.4402, 22.3211,
2.4932

Harmonies

Analogous

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



56.9959, 51.5831, 45.8299



53.8043, 51.5831, 38.1311



49.4758, 51.5831, 35.2011

Triad

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



53.8043, 51.5831, 38.1311



41.0233, 51.5831, 54.8969



52.9862, 51.5831, 80.7589

Complementary

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



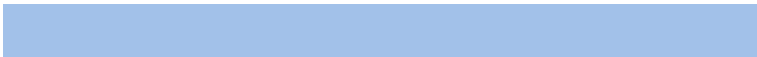
53.8043, 51.5831, 38.1311



47.8986, 53.7663, 79.8050

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.



48.5833, 51.5831, 84.1384



53.8043, 51.5831, 38.1311



41.8400, 51.5831, 67.9482

Square

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



53.8043, 51.5831, 38.1311



42.2427, 51.5831, 43.9240



44.5434, 51.5831, 79.1418



56.5039, 51.5831, 70.4924

Rectangle

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



53.8043, 51.5831, 38.1311



46.5872, 51.5831, 35.9597



44.5434, 51.5831, 79.1418



51.5530, 51.5831, 82.7992

Sweetspot

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



53.8056, 51.5855, 38.1322



87.1070, 89.6779, 89.0997



53.6460, 43.8361, 60.9850



18.3852, 18.8550, 18.4337



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.



53.8056, 51.5855, 38.1322



66.6211, 62.1339, 40.8746



61.6703, 67.3148, 40.7537



14.1163, 14.5185, 14.3651



19.7518, 12.9414, 1.4569



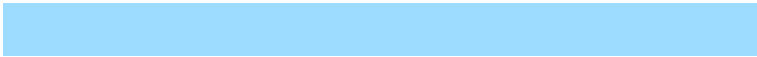
1.4525, 1.0638, 0.1288

Inverse Universe

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



47.8986, 53.7663, 79.8050



57.6347, 65.4282, 104.1990



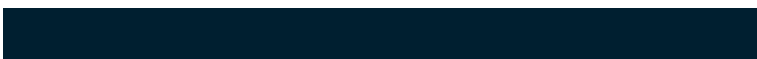
40.8183, 39.6055, 77.4448



13.6725, 14.6841, 17.5014



13.5713, 14.6121, 43.1535



1.0251, 1.1817, 3.0193

Previews

White Background



This preview shows how the XYZ color 53.8043, 51.5831, 38.1311 looks on a white background.

Color Contrast Check

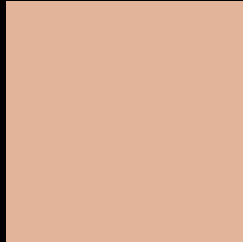
Large Text (above 18pt) WCAG AA × Fail

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 53.8043, 51.5831, 38.1311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

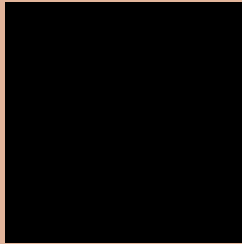
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.8043, 51.5831, 38.1311

Background



This preview shows how black text looks on a background with the XYZ color 53.8043, 51.5831, 38.1311.



This preview shows how white text looks on a background with the XYZ color 53.8043, 51.5831,

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

53.8043, 51.5831, 38.1311

Protanopia

48.7589, 51.7476, 40.2193

Deuteranopia

52.6687, 51.6057, 38.1953



Tritanopia

57.4527, 51.5914, 55.6452

Trichromacy



Original Color

53.8043, 51.5831, 38.1311

Protanomaly

50.5202, 51.7109, 39.6663

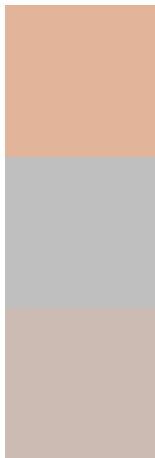
Deuteranomaly

53.0758, 51.5104, 38.1555

Tritanomaly

56.1693, 51.6731, 48.6084

Monochromacy



Original Color

53.8043, 51.5831, 38.1311

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 53.8043, 51.5831, 38.1311 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, 155)` looks like.

```
.text, #text, p{  
    color:rgb(226, 181, 155)  
}
```

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, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 181, 155) }
```

Border

The CSS property to change the border of an element to XYZ 53.8043, 51.5831, 38.1311 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, 155) }
```


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

```
.border{ border-color:rgb(226, 181, 155) }
```

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, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 181, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 181, 155);  
box-shadow:4px 4px 4px 4px rgb(226, 181,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8043, 51.5831, 38.1311 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, 155) }
```

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

```
.background{ background-color: rgb(226,  
181, 155) }
```

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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