

Converting Colors

XYZ(38.0842, 43.5628, 33.7255)

Have a look what the booklet for
XYZ(38.0842, 43.5628, 33.7255)
contains.

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Color

**XYZ(38.0744, 43.5581,
33.5949)**

Conversions

Conversions Part 1

Format	Color
Hex	A9B592
RGB	169, 181, 146
RGB Percent	66%, 71%, 57%
CMY	0.3373, 0.2902, 0.4274
CMYK	0.07, 0.00, 0.19, 0.29
HSL	81°, 19%, 64%
HSV	81°, 19%, 71%
XYZ	38.0744, 43.5581, 33.5949
YIQ	173.4220, 4.0830, -13.4290

Conversions

Conversions Part 2

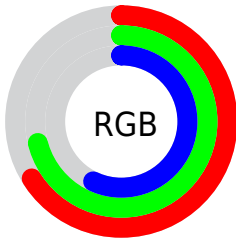
Format	Color
RYB	146, 181, 158
Decimal	11122066
CIELab	71.93, -10.44, 16.46
CIElCh	72, 19.491, 122.371
Yxy	43.5581, 0.3304, 0.3780
Android (android.graphics.Color)	4289312146 (0xFFA9B592)
YUV	173.4220, -13.5190, -3.8781
Hunter-Lab	65.9986, -12.5213, 16.0189

Details

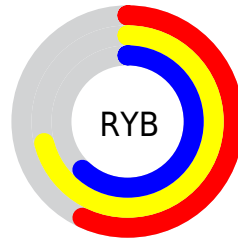
The XYZ color **38.0744, 43.5581, 33.5949** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.7216, 31.1642, 48.0091**, and the grayscale version is **40.0024, 42.0857, 45.8313**.

A 20% lighter version of the original color is **71.4500, 80.5858, 66.4324**, and **17.1208, 20.0465, 13.7935** is the 20% darker color. If you saturate the color by 10%, you get **35.4766, 42.3702, 26.6964**, and if you desaturate by 10%, it is **40.9607, 44.8716, 41.6724**.

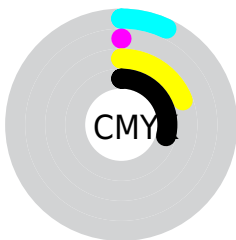
Distribution



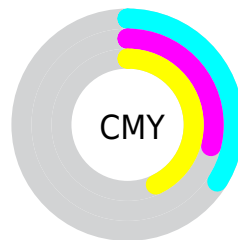
- Red (66%)
- Green (71%)
- Blue (57%)



- Red (57%)
- Yellow (71%)
- Blue (62%)



- Cyan (7%)
- Magenta (0%)
- Yellow (19%)
- Black (29%)





- Cyan (34%)
- Magenta (29%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.0744, 43.5581, 33.5949 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 38.0744, 43.5581, 33.5949 by changing the saturation by 10% instead.


 38.0744, 43.5581,
33.5949


 38.0744, 43.5581,
33.5949


329.2144,
360.9019, 333.0358

 26.2179, 30.3233,
22.3077


 71.5253, 80.5524,
66.4299

 17.1203, 20.0841,
13.8827


 93.8505, 105.0806,
88.8148

 10.4161, 12.4562,
7.9013


120.3959,
134.1421, 115.7360

 5.7401, 7.0552,
3.9450

151.5269,
168.1212, 147.6121

 2.7268, 3.4966,
1.5952

187.6089,
207.4023, 184.8615

 1.0110, 1.3962,
0.2874

229.0073,

 0.0000, 0.2139,

252.3699, 227.9030

0.0000

276.0873,
303.4083, 277.1549

■ 0.0000, 0.0000,
0.0000

■ 38.0744, 43.5581,
33.5949

■ 38.0744, 43.5581,
33.5949

■ 35.4766, 42.3702,
26.6964

■ 40.9607, 44.8716,
41.6724

■ 33.1525, 41.2976,
20.9189

■ 44.1428, 46.3093,
50.9777

■ 31.0911, 40.3371,
16.2038

■ 47.6316, 47.8773,
61.5601

■ 29.2791, 39.4834,
12.4860

■ 51.4369, 49.5794,
73.4654

■ 27.7018, 38.7305,
9.6932

■ 55.5676, 51.4194,
86.7373

■ 26.3429, 38.0717,
7.7434

■ 60.0324, 53.4008,
101.4172

■ 25.1830, 37.4991,
6.5403

■ 61.8563, 54.3337,
101.8350

■ 24.1863, 36.9984,
5.9011

■ 63.6854, 55.2766,
101.9206

■ 24.1233, 36.9667,
5.8639

■ 65.5841, 56.2554,
102.0095

Harmonies

Analogous

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



41.1370, 43.5581, 31.3983



38.0744, 43.5581, 33.5949



35.9959, 43.5581, 39.4403

Triad

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



38.0744, 43.5581, 33.5949



38.5088, 43.5581, 65.5492



48.1157, 43.5581, 46.6747

Complementary

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



38.0744, 43.5581, 33.5949



32.7216, 31.1642, 48.0091

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.



47.3210, 43.5581, 56.4259



38.0744, 43.5581, 33.5949



41.6654, 43.5581, 68.1516

Square

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



38.0744, 43.5581, 33.5949



36.2371, 43.5581, 57.9102



44.9152, 43.5581, 64.6149



47.0328, 43.5581, 38.2926

Rectangle

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



38.0744, 43.5581, 33.5949



35.3874, 43.5581, 45.0401



44.9152, 43.5581, 64.6149



48.0592, 43.5581, 49.8975

Sweetspot

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



38.0756, 43.5600, 33.5958



75.1420, 81.1684, 79.7812



36.4160, 36.2406, 32.2705



16.1640, 17.5086, 17.0207



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.0756, 43.5600, 33.5958



66.2451, 77.1230, 54.9185



34.6313, 41.7844, 33.4346



8.9084, 9.7579, 9.0665



16.7058, 25.5222, 4.0458



0.5852, 0.8338, 0.1301

Inverse Universe

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



32.7216, 31.1642, 48.0091



54.9807, 51.0395, 85.2484



36.3375, 33.0283, 48.1783



8.3076, 8.3671, 10.6835



7.1902, 3.0425, 30.3453



0.2904, 0.1288, 0.9578

Previews

White Background



This preview shows how the XYZ color 38.0744, 43.5581, 33.5949 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 38.0744, 43.5581, 33.5949 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 38.0744, 43.5581, 33.5949

Background



This preview shows how black text looks on a background with the XYZ color 38.0744, 43.5581, 33.5949.



This preview shows how white text looks on a background with the XYZ color 38.0744, 43.5581,

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

38.0744, 43.5581, 33.5949

Protanopia

40.9768, 43.5986, 32.2423

Deuteranopia

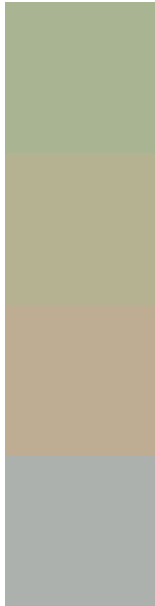
44.1619, 43.2106, 34.0299



Tritanopia

42.1945, 43.4480, 54.3065

Trichromacy



Original Color

38.0744, 43.5581, 33.5949

Protanomaly

39.7768, 43.5577, 32.6966

Deuteranomaly

41.6959, 43.0701, 33.7195

Tritanomaly

40.4985, 43.3456, 45.7672

Monochromacy



Original Color

38.0744, 43.5581, 33.5949

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.1495, 42.4657, 40.7836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0744, 43.5581, 33.5949 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(169, 181, 146)` looks like.

```
.text, #text, p{  
    color:rgb(169, 181, 146)  
}
```

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(169, 181, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 181, 146) }
```

Border

The CSS property to change the border of an element to XYZ 38.0744, 43.5581, 33.5949 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(169, 181, 146) }
```


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

```
.border{ border-color:rgb(169, 181, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 181, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 181, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 181, 146);  
box-shadow:4px 4px 4px 4px rgb(169, 181,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0744, 43.5581, 33.5949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 181, 146) }
```

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

```
.background{ background-color: rgb(169,  
181, 146) }
```

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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