

Converting Colors

XYZ(38.5919, 33.2444, 21.6519)

Have a look what the booklet for
XYZ(38.5919, 33.2444, 21.6519)
contains.

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Color

**XYZ(38.5151, 33.1831,
21.5146)**

Conversions

Conversions Part 1

Format	Color
Hex	D08B76
RGB	208, 139, 118
RGB Percent	82%, 55%, 46%
CMY	0.1843, 0.4549, 0.5372
CMYK	0.00, 0.33, 0.43, 0.18
HSL	14°, 49%, 64%
HSV	14°, 43%, 82%
XYZ	38.5151, 33.1831, 21.5146
YIQ	157.2370, 47.8650, 8.0970

Conversions

Conversions Part 2

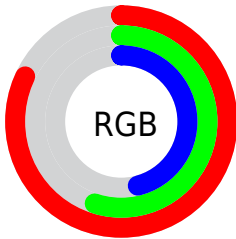
Format	Color
R_{YB}	208, 145, 118
Decimal	13667190
CIE Lab	64.31, 23.84, 21.97
CIE LCh	64, 32.422, 42.667
Yxy	33.1831, 0.4132, 0.3560
Android (android.graphics.Color)	4291857270 (0xFFD08B76)
YUV	157.2370, -19.3438, 44.5192
Hunter-Lab	57.6048, 18.5384, 18.1793

Details

The XYZ color **38.5151, 33.1831, 21.5146** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.6261, 43.9447, 66.2264**, and the grayscale version is **32.2246, 33.9028, 36.9201**.

A 20% lighter version of the original color is **67.5657, 62.3022, 46.4946**, and **17.3264, 13.9884, 7.4171** is the 20% darker color. If you saturate the color by 10%, you get **35.2699, 28.4575, 14.9925**, and if you desaturate by 10%, it is **42.3713, 38.6946, 29.5857**.

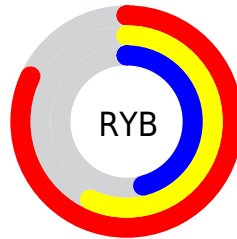
Distribution



Red (82%)

Green (55%)

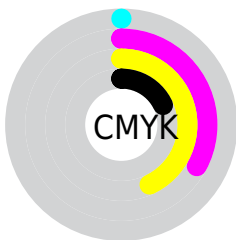
Blue (46%)



Red (82%)

Yellow (57%)

Blue (46%)

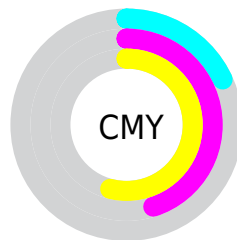


Cyan (0%)

Magenta (33%)

Yellow (43%)

Black (18%)



Cyan (18%)

Magenta (45%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5151, 33.1831, 21.5146 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 38.5151, 33.1831, 21.5146 by changing the saturation by 10% instead.

■ 38.5151, 33.1831,
21.5146

■ 38.5151, 33.1831,
21.5146

331.0673,
316.4740, 272.8711

■ 26.5617, 22.2667,
13.3058

■ 72.1958, 64.6613,
46.8343

■ 17.3792, 14.0530,
7.5062

■ 94.6538, 85.9919,
64.7822

■ 10.6022, 8.1576,
3.6975

■ 121.3441,
111.5628, 86.8136

■ 5.8653, 4.1959,
1.4609

152.6321,
141.7582, 113.3469

■ 2.8033, 1.7838,
0.1885

188.8830,
176.9627, 144.8008

■ 1.0506, 0.4770,
0.0000

230.4623,

■ 0.0000, 0.0000,

217.5605, 181.5938

0.0000

277.7352,
263.9362, 224.1444

■ 38.5151, 33.1831,
21.5146

■ 38.5151, 33.1831,
21.5146

■ 35.2699, 28.4575,
14.9925

■ 42.3713, 38.6946,
29.5857

■ 32.6005, 24.4765,
9.9171

■ 46.8662, 45.0209,
39.2949

■ 30.4720, 21.2025,
6.1769


■ 52.0285, 52.1954,
50.7272


■ 28.8441, 18.5925,
3.6431

■ 57.8847, 60.2483,
63.9609


■ 27.6700, 16.5981,
2.1609

■ 64.4596, 69.2082,
79.0694

 27.0918, 15.5685,
1.5771

 71.7768, 79.1023,
96.1221

 78.4427, 89.3903,
107.7274

 79.8225, 92.1499,
108.1874

Harmonies

Analogous

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



41.0003, 33.1831, 30.8460



38.5151, 33.1831, 21.5146



34.2542, 33.1831, 16.9145

Triad

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



38.5151, 33.1831, 21.5146



23.8135, 33.1831, 29.0845



33.5231, 33.1831, 66.9821

Complementary

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



38.5151, 33.1831, 21.5146



36.6261, 43.9447, 66.2264

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.



28.9723, 33.1831, 66.1783



38.5151, 33.1831, 21.5146



23.6591, 33.1831, 41.9871

Square

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



38.5151, 33.1831, 21.5146



25.9064, 33.1831, 20.4970



25.4616, 33.1831, 56.2066



37.9352, 33.1831, 58.1911

Rectangle

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



38.5151, 33.1831, 21.5146



31.1289, 33.1831, 16.2452



25.4616, 33.1831, 56.2066



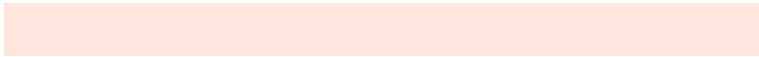
31.9537, 33.1831, 67.8768

Sweetspot

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



38.5159, 33.1847, 21.5152



82.5866, 82.8897, 80.6484



41.4607, 29.9550, 50.6106



17.2650, 17.1718, 16.3421



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.



38.5159, 33.1847, 21.5152



56.2257, 45.5711, 24.3752



46.4231, 48.9991, 24.1510



12.0295, 12.2496, 12.3424



16.9471, 9.8272, 1.0036



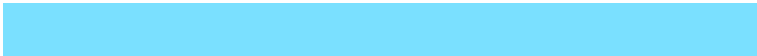
1.0098, 0.6740, 0.0769

Inverse Universe

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



36.6261, 43.9447, 66.2264



52.8029, 64.7270, 104.3183



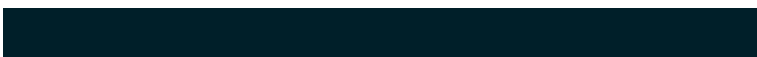
28.5297, 27.7520, 63.5276



11.9148, 12.9198, 15.1094



14.9490, 18.5447, 39.9841



0.8940, 1.1533, 2.2550

Previews

White Background



This preview shows how the XYZ color 38.5151, 33.1831, 21.5146 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 38.5151, 33.1831, 21.5146 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 38.5151, 33.1831, 21.5146

Background



This preview shows how black text looks on a background with the XYZ color 38.5151, 33.1831, 21.5146.



This preview shows how white text looks on a background with the XYZ color 38.5151, 33.1831,

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

38.5151, 33.1831, 21.5146

Protanopia

31.3802, 33.3903, 24.5297

Deuteranopia

34.0663, 33.3879, 21.1720



Tritanopia

40.3531, 33.0739, 31.0451

Trichromacy



Original Color

38.5151, 33.1831, 21.5146

Protanomaly

33.5376, 33.0665, 23.3537

Deuteranomaly

35.4821, 33.1796, 21.3638

Tritanomaly

39.4718, 32.9129, 27.1941

Monochromacy



Original Color

38.5151, 33.1831, 21.5146

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.7688, 33.0260, 30.5814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5151, 33.1831, 21.5146 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(208, 139, 118)` looks like.

```
.text, #text, p{  
    color:rgb(208, 139, 118)  
}
```

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(208, 139, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 139, 118) }
```

Border

The CSS property to change the border of an element to XYZ 38.5151, 33.1831, 21.5146 is called "border". The border property can be set on classes, ids or directly on the HTML element.

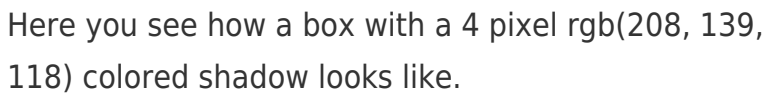
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 139, 118) }
```


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

```
.border{ border-color:rgb(208, 139, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 139, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 139, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 139, 118); box-shadow:4px 4px 4px 4px rgb(208, 139, 118) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5151, 33.1831, 21.5146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 139, 118) }
```

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

```
.background{ background-color: rgb(208,  
139, 118) }
```

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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