

Converting Colors

XYZ(38.3491, 33.1085, 21.3235)

Have a look what the booklet for
XYZ(38.3491, 33.1085, 21.3235)
contains.

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Color

**XYZ(38.4559, 33.1595,
21.2032)**

Conversions

Conversions Part 1

Format	Color
Hex	D08B75
RGB	208, 139, 117
RGB Percent	82%, 55%, 46%
CMY	0.1843, 0.4549, 0.5412
CMYK	0.00, 0.33, 0.44, 0.18
HSL	15°, 49%, 64%
HSV	15°, 44%, 82%
XYZ	38.4559, 33.1595, 21.2032
YIQ	157.1230, 48.1860, 7.7860

Conversions

Conversions Part 2

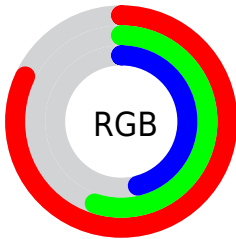
Format	Color
R _Y B	208, 146, 117
Decimal	13667189
CIE Lab	64.29, 23.73, 22.51
CIE LCh	64, 32.707, 43.480
Yxy	33.1595, 0.4143, 0.3573
Android (android.graphics.Color)	4291857269 (0xFFD08B75)
YUV	157.1230, -19.7806, 44.6191
Hunter-Lab	57.5843, 18.4333, 18.4777

Details

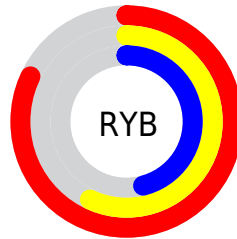
The XYZ color **38.4559, 33.1595, 21.2032** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.2793, 43.4518, 66.1492**, and the grayscale version is **32.1750, 33.8506, 36.8633**.

A 20% lighter version of the original color is **67.4714, 62.2645, 45.9982**, and **17.3264, 13.9884, 7.4171** is the 20% darker color. If you saturate the color by 10%, you get **35.2451, 28.4825, 14.7550**, and if you desaturate by 10%, it is **42.2695, 38.6073, 29.1935**.

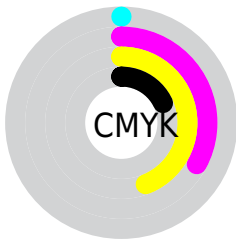
Distribution



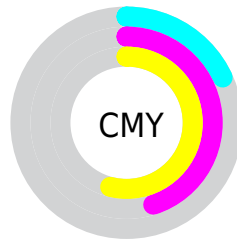
- Red (82%)
- Green (55%)
- Blue (46%)



- Red (82%)
- Yellow (57%)
- Blue (46%)



- Cyan (0%)
- Magenta (33%)
- Yellow (44%)
- Black (18%)





- Cyan (18%)
- Magenta (45%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.4559, 33.1595, 21.2032 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 38.4559, 33.1595, 21.2032 by changing the saturation by 10% instead.


 38.4559, 33.1595,
21.2032


 38.4559, 33.1595,
21.2032

330.8188,
316.3678, 271.1729


 26.5155, 22.2487,
13.0799


 72.1058, 64.6245,
46.3106

 17.3444, 14.0397,
7.3522


 94.5460, 85.9474,
64.1319

 10.5772, 8.1483,
3.6016


 121.2169,
111.5098, 86.0229

 5.8485, 4.1900,
1.4094

152.4838,
141.6961, 112.4022

 2.7929, 1.7804,
0.1490

188.7121,
176.8906, 143.6882

 1.0452, 0.4749,
0.0000

230.2671,

 0.0000, 0.0000,

217.4778, 180.2997

0.0000

277.5142,
263.8421, 222.6551

■ 38.4559, 33.1595,
21.2032

■ 38.4559, 33.1595,
21.2032

■ 35.2451, 28.4825,
14.7550

■ 42.2695, 38.6073,
29.1935

■ 32.6024, 24.5360,
9.7464

■ 46.7131, 44.8539,
38.8153

■ 30.4932, 21.2834,
6.0655


■ 51.8153, 51.9321,
50.1538


■ 28.8775, 18.6827,
3.5825


■ 57.6021, 59.8712,
63.2872


■ 27.7089, 16.6868,
2.1413

■ 64.0980, 68.6991,
78.2893

 27.1657, 15.7165,
1.6018

 71.3263, 78.4424,
95.2294

 78.0611, 88.6274,
107.6003

 79.8223, 92.1498,
108.1874

Harmonies

Analogous

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



41.0299, 33.1595, 30.4620



38.4559, 33.1595, 21.2032



34.1269, 33.1595, 16.7078

Triad

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



38.4559, 33.1595, 21.2032



23.7029, 33.1595, 29.3060



33.6463, 33.1595, 67.1475

Complementary

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



38.4559, 33.1595, 21.2032



36.2793, 43.4518, 66.1492

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.



29.0439, 33.1595, 66.6175



38.4559, 33.1595, 21.2032



23.6016, 33.1595, 42.4052

Square

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



38.4559, 33.1595, 21.2032



25.7595, 33.1595, 20.5371



25.4676, 33.1595, 56.7328



38.0744, 33.1595, 58.0402

Rectangle

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



38.4559, 33.1595, 21.2032



30.9778, 33.1595, 16.1113



25.4676, 33.1595, 56.7328



32.0626, 33.1595, 68.1473

Sweetspot

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



38.4567, 33.1611, 21.2038



82.6643, 83.0450, 80.6743



41.3184, 29.7106, 50.4399



17.2840, 17.2098, 16.3484



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.



38.4567, 33.1611, 21.2038



56.4101, 45.9398, 24.4367



46.3085, 48.8646, 23.8211



12.0376, 12.2658, 12.3451



16.9949, 9.9228, 1.0196



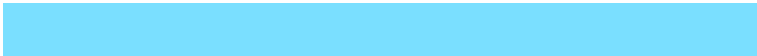
1.0136, 0.6815, 0.0781

Inverse Universe

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



36.2793, 43.4518, 66.1492



52.5033, 64.1279, 104.2184



28.2858, 27.4648, 63.4847



11.9061, 12.9024, 15.1066



14.7634, 18.1733, 39.9222



0.8850, 1.1352, 2.2520

Previews

White Background



This preview shows how the XYZ color 38.4559, 33.1595, 21.2032 looks on a white background.

Color Contrast Check

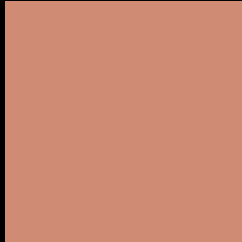
Large Text (above 18pt) WCAG AA × Fail

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 38.4559, 33.1595, 21.2032 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 38.4559, 33.1595, 21.2032

Background



This preview shows how black text looks on a background with the XYZ color 38.4559, 33.1595, 21.2032.



This preview shows how white text looks on a background with the XYZ color 38.4559, 33.1595,

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

38.4559, 33.1595, 21.2032

Protanopia

31.3160, 33.3646, 24.1915

Deuteranopia

34.0084, 33.3648, 20.8673



Tritanopia

40.3531, 33.0739, 31.0451

Trichromacy



Original Color

38.4559, 33.1595, 21.2032

Protanomaly

33.4753, 33.0416, 23.0257

Deuteranomaly

35.4236, 33.1562, 21.0558

Tritanomaly

39.4718, 32.9129, 27.1941

Monochromacy



Original Color

38.4559, 33.1595, 21.2032

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.6933, 32.9958, 30.1842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4559, 33.1595, 21.2032 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, 117)` looks like.

```
.text, #text, p{  
    color:rgb(208, 139, 117)  
}
```

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, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 139, 117) }
```

Border

The CSS property to change the border of an element to XYZ 38.4559, 33.1595, 21.2032 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, 117) }
```


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

```
.border{ border-color:rgb(208, 139, 117) }
```

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, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 139, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 139, 117);  
box-shadow:4px 4px 4px 4px rgb(208, 139,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4559, 33.1595, 21.2032 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, 117) }
```

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

```
.background{ background-color: rgb(208,  
139, 117) }
```

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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