

Converting Colors

XYZ(39.0528, 34.0472, 19.2147)

Have a look what the booklet for
XYZ(39.0528, 34.0472, 19.2147)
contains.

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Color

**XYZ(38.9177, 33.8772,
19.2396)**

Conversions

Conversions Part 1

Format	Color
Hex	D28D6E
RGB	210, 141, 110
RGB Percent	82%, 55%, 43%
CMY	0.1765, 0.4470, 0.5686
CMYK	0.00, 0.33, 0.48, 0.18
HSL	19°, 53%, 63%
HSV	19°, 48%, 82%
XYZ	38.9177, 33.8772, 19.2396
YIQ	158.0970, 51.0750, 4.9870

Conversions

Conversions Part 2

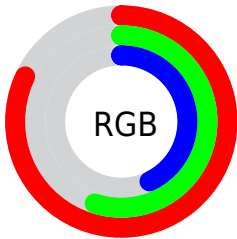
Format	Color
R_{YB}	210, 155, 110
Decimal	13798766
CIE _{Lab}	64.86, 22.73, 27.19
CIE _{LCh}	65, 35.440, 50.110
Yxy	33.8772, 0.4229, 0.3681
Android (android.graphics.Color)	4291988846 (0xFFD28D6E)
YUV	158.0970, -23.7118, 45.5189
Hunter-Lab	58.2041, 17.4953, 21.1443

Details

The XYZ color **38.9177, 33.8772, 19.2396** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **34.1825, 40.2065, 66.9316**, and the grayscale version is **32.6322, 34.3316, 37.3871**.

A 20% lighter version of the original color is **67.2767, 62.8988, 42.7772**, and **17.6625, 14.4324, 6.4122** is the 20% darker color. If you saturate the color by 10%, you get **35.9086, 29.4771, 13.2485**, and if you desaturate by 10%, it is **42.4789, 38.9480, 26.7520**.

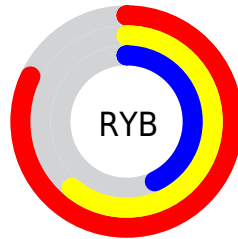
Distribution



Red (82%)

Green (55%)

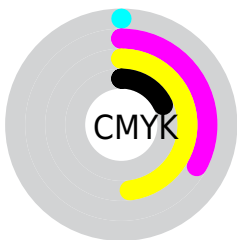
Blue (43%)



Red (82%)

Yellow (61%)

Blue (43%)

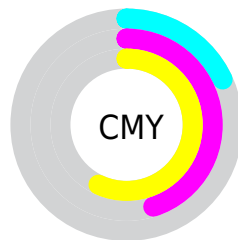


Cyan (0%)

Magenta (33%)

Yellow (48%)

Black (18%)



Cyan (18%)

Magenta (45%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.9177, 33.8772, 19.2396 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 38.9177, 33.8772, 19.2396 by changing the saturation by 10% instead.

38.9177, 33.8772,
19.2396

38.9177, 33.8772,
19.2396

332.7537,
319.5841, 260.2350

26.8761, 22.7993,
11.6650

72.8075, 65.7427,
42.9807

17.6163, 14.4454,
6.3962

95.3864, 87.2990,
59.9842

10.7729, 8.4311,
3.0148

122.2084,
113.1169, 80.9677

5.9805, 4.3720,
1.1022

153.6390,
143.5808, 106.3498

2.8738, 1.8838,
0.0000

190.0435,
179.0751, 136.5491

1.0874, 0.5386,
0.0000

231.7872,

0.0145, 0.0000,

219.9841, 171.9840

0.0000

279.2354,
266.6924, 213.0731

■ 0.0000, 0.0000,
0.0000

■ 38.9177, 33.8772,
19.2396

■ 38.9177, 33.8772,
19.2396

■ 35.9086, 29.4771,
13.2485

■ 42.4789, 38.9480,
26.7520

■ 33.4189, 25.7135,
8.6709

■ 46.6175, 44.7120,
35.8795

■ 31.4161, 22.5562,
5.3874


■ 51.3600, 51.1964,
46.7107


■ 29.8618, 19.9704,
3.2581


■ 56.7306, 58.4258,
59.3269

■ 28.7069, 17.9150,
2.0885

■ 62.7519, 66.4234,
73.8044

 28.4749, 17.4949,
1.8761

 69.4455, 75.2113,
90.2148

 76.5080, 84.6811,
106.9204

 80.3883, 92.4416,
108.2138

Harmonies

Analogous

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



42.3308, 33.8772, 28.0357



38.9177, 33.8772, 19.2396



33.9158, 33.8772, 15.5357

Triad

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



38.9177, 33.8772, 19.2396



23.4603, 33.8772, 32.2632



35.6957, 33.8772, 70.1068

Complementary

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



38.9177, 33.8772, 19.2396



34.1825, 40.2065, 66.9316

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.



30.5417, 33.8772, 72.1157



38.9177, 33.8772, 19.2396



23.8289, 33.8772, 47.4279

Square

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



38.9177, 33.8772, 19.2396



25.2359, 33.8772, 21.6281



26.3023, 33.8772, 62.9522



40.3385, 33.8772, 58.0263

Rectangle

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



38.9177, 33.8772, 19.2396



30.5057, 33.8772, 15.5463



26.3023, 33.8772, 62.9522



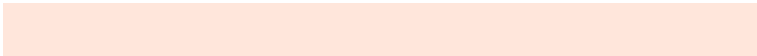
33.9544, 33.8772, 72.0863

Sweetspot

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



38.9185, 33.8789, 19.2403



82.4653, 83.1894, 78.9359



40.3926, 28.1490, 46.4845



17.2740, 17.2965, 16.0161



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.



38.9185, 33.8789, 19.2403



55.7095, 45.7264, 20.5420



47.8063, 51.6544, 22.2028



12.1035, 12.3977, 12.3671



17.4485, 10.8300, 1.1708



1.0460, 0.7463, 0.0889

Inverse Universe

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



34.1825, 40.2065, 66.9316



47.4673, 56.5733, 103.0257



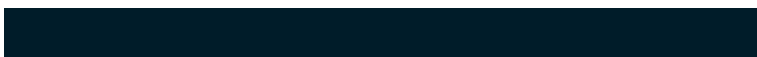
26.0462, 23.9337, 64.2195



11.8363, 12.7628, 15.0833



13.3549, 15.3565, 39.4527



0.8156, 0.9963, 2.2289

Previews

White Background



This preview shows how the XYZ color 38.9177, 33.8772, 19.2396 looks on a white background.

Color Contrast Check

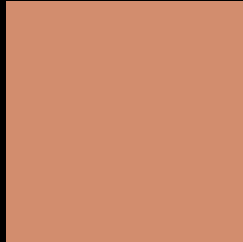
Large Text (above 18pt) WCAG AA × Fail

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 38.9177, 33.8772, 19.2396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

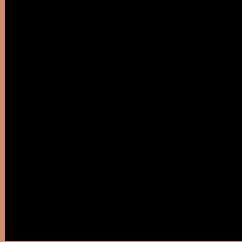
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.9177, 33.8772, 19.2396

Background



This preview shows how black text looks on a background with the XYZ color 38.9177, 33.8772, 19.2396.



This preview shows how white text looks on a background with the XYZ color 38.9177, 33.8772,

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

38.9177, 33.8772, 19.2396

Protanopia

31.7999, 34.1731, 21.7497

Deuteranopia

34.7596, 34.0347, 18.9247



Tritanopia

41.4330, 33.8298, 31.5402

Trichromacy



Original Color

38.9177, 33.8772, 19.2396

Protanomaly

34.0327, 33.8617, 20.6618

Deuteranomaly

36.2200, 33.8419, 19.0911

Tritanomaly

40.4735, 33.8675, 26.5942

Monochromacy



Original Color

38.9177, 33.8772, 19.2396

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

34.1674, 33.7267, 29.9084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9177, 33.8772, 19.2396 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(210, 141, 110)` looks like.

```
.text, #text, p{  
    color:rgb(210, 141, 110)  
}
```

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(210, 141, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 141, 110) }
```

Border

The CSS property to change the border of an element to XYZ 38.9177, 33.8772, 19.2396 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(210, 141, 110) }
```


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

```
.border{ border-color:rgb(210, 141, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 141, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 141, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 141, 110);  
box-shadow:4px 4px 4px 4px rgb(210, 141,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9177, 33.8772, 19.2396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 141, 110) }
```

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

```
.background{ background-color: rgb(210,  
141, 110) }
```

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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