

Converting Colors

XYZ(37.2941, 33.0048, 19.4024)

Have a look what the booklet for
XYZ(37.2941, 33.0048, 19.4024)
contains.

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Color

**XYZ(37.2960, 33.0348,
19.4496)**

Conversions

Conversions Part 1

Format	Color
Hex	CC8D6F
RGB	204, 141, 111
RGB Percent	80%, 55%, 44%
CMY	0.2000, 0.4470, 0.5647
CMYK	0.00, 0.31, 0.46, 0.20
HSL	19°, 48%, 62%
HSV	19°, 46%, 80%
XYZ	37.2960, 33.0348, 19.4496
YIQ	156.4170, 47.1780, 4.0260

Conversions

Conversions Part 2

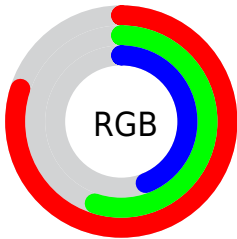
Format	Color
R_{YB}	204, 155, 111
Decimal	13405551
CIE _{Lab}	64.19, 20.41, 25.62
CIE _{LCh}	64, 32.757, 51.457
Yxy	33.0348, 0.4154, 0.3680
Android (android.graphics.Color)	4291595631 (0xFFCC8D6F)
YUV	156.4170, -22.3906, 41.7303
Hunter-Lab	57.4759, 15.2454, 20.1697

Details

The XYZ color **37.2960, 33.0348, 19.4496** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **32.5901, 38.0099, 62.7457**, and the grayscale version is **31.8693, 33.5290, 36.5130**.

A 20% lighter version of the original color is **67.3660, 62.9346, 43.2473**, and **16.5860, 13.8743, 6.5064** is the 20% darker color. If you saturate the color by 10%, you get **34.3866, 28.8129, 13.5567**, and if you desaturate by 10%, it is **40.7179, 37.8710, 26.7794**.

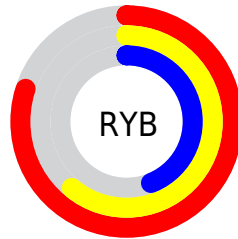
Distribution



Red (80%)

Green (55%)

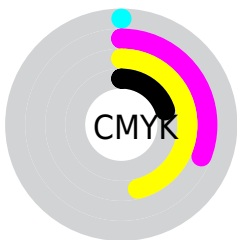
Blue (44%)



Red (80%)

Yellow (61%)

Blue (44%)

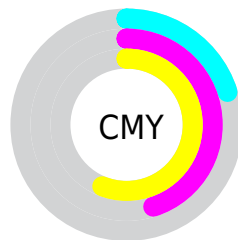


Cyan (0%)

Magenta (31%)

Yellow (46%)

Black (20%)



Cyan (20%)


Magenta (45%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.2960, 33.0348, 19.4496 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 37.2960, 33.0348, 19.4496 by changing the saturation by 10% instead.


 37.2960, 33.0348,
19.4496


 37.2960, 33.0348,
19.4496


325.9236,
315.8065, 261.4246


 25.6115, 22.1531,
11.8155


 70.3387, 64.4299,
43.3392


 16.6644, 13.9694,
6.4972


 92.4275, 85.7120,
60.4318

 10.0893, 8.0994,
3.0760


 118.7152,
111.2298, 81.5143

 5.5209, 4.1586,
1.1336

 149.5671,
141.3675, 107.0053

 2.5939, 1.7627,
0.0000

185.3485,
176.5097, 137.3233

 0.9428, 0.4638,
0.0000

226.4249,

 0.0000, 0.0000,

217.0406, 172.8868

0.0000

273.1614,
263.3448, 214.1144

■ 37.2960, 33.0348,
19.4496

■ 37.2960, 33.0348,
19.4496

■ 34.3866, 28.8129,
13.5567

■ 40.7179, 37.8710,
26.7794

■ 31.9600, 25.1748,
9.0025

■ 44.6746, 43.3408,
35.6316

■ 29.9874, 22.0942,
5.6793


■ 49.1900, 49.4685,
46.0870


■ 28.4350, 19.5409,
3.4617


■ 54.2860, 56.2757,
58.2204


■ 27.2629, 17.4806,
2.1957


■ 59.9829, 63.7828,
72.1016

 26.8393, 16.7123,
1.8112

 66.3003, 72.0096,
87.7966

 73.2566, 80.9748,
105.3680

 77.6219, 89.3975,
107.7721

 78.7118, 91.5774,
108.1354

Harmonies

Analogous

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



40.4612, 33.0348, 27.4043



37.2960, 33.0348, 19.4496



32.7435, 33.0348, 16.1477

Triad

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



37.2960, 33.0348, 19.4496



23.3722, 33.0348, 32.3033



34.7786, 33.0348, 65.3961

Complementary

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



37.2960, 33.0348, 19.4496



32.5901, 38.0099, 62.7457

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.



30.0910, 33.0348, 67.6381



37.2960, 33.0348, 19.4496



23.8016, 33.0348, 46.1552

Square

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



37.2960, 33.0348, 19.4496



24.9212, 33.0348, 22.2749



26.1581, 33.0348, 59.8999



38.9110, 33.0348, 54.3673

Rectangle

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



37.2960, 33.0348, 19.4496



29.6586, 33.0348, 16.2804



26.1581, 33.0348, 59.8999



33.2053, 33.0348, 67.2948

Sweetspot

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



37.2968, 33.0364, 19.4502



82.5907, 83.4402, 78.9777



38.2802, 27.2841, 43.5751



17.3043, 17.3572, 16.0262



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.



37.2968, 33.0364, 19.4502



56.8907, 47.6331, 22.3400



45.5309, 49.5047, 22.1950



11.5029, 11.7948, 11.7498



16.9684, 10.6698, 1.1651



0.9442, 0.6881, 0.0831

Inverse Universe

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



32.5901, 38.0099, 62.7457



48.0727, 56.8185, 103.0411



25.1807, 23.1909, 60.2759



11.2263, 12.0930, 14.3129



12.6845, 14.3930, 38.0659



0.7213, 0.8763, 1.9861

Previews

White Background



This preview shows how the XYZ color 37.2960, 33.0348, 19.4496 looks on a white background.

Color Contrast Check

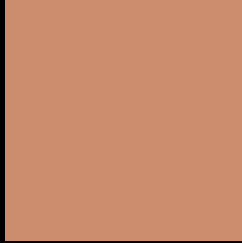
Large Text (above 18pt) WCAG AA × Fail

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 37.2960, 33.0348, 19.4496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

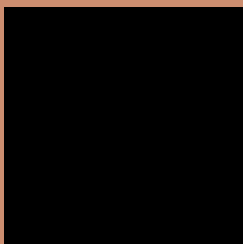
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.2960, 33.0348, 19.4496

Background



This preview shows how black text looks on a background with the XYZ color 37.2960, 33.0348, 19.4496.



This preview shows how white text looks on a background with the XYZ color 37.2960, 33.0348,

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

37.2960, 33.0348, 19.4496

Protanopia

31.0357, 33.2768, 21.6169

Deuteranopia

33.7575, 33.0381, 19.0658



Tritanopia

39.7246, 32.9490, 31.4602

Trichromacy



Original Color

37.2960, 33.0348, 19.4496

Protanomaly

32.9835, 33.0743, 20.8652

Deuteranomaly

35.0857, 33.0210, 19.2763

Tritanomaly

38.7757, 32.9922, 26.5147

Monochromacy



Original Color

37.2960, 33.0348, 19.4496

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

33.0338, 32.9109, 29.4223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2960, 33.0348, 19.4496 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(204, 141, 111)` looks like.

```
.text, #text, p{  
    color:rgb(204, 141, 111)  
}
```

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(204, 141, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 141, 111) }
```

Border

The CSS property to change the border of an element to XYZ 37.2960, 33.0348, 19.4496 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(204, 141, 111) }
```


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

```
.border{ border-color:rgb(204, 141, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 141, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 141, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 141, 111);  
box-shadow:4px 4px 4px 4px rgb(204, 141,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2960, 33.0348, 19.4496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 141, 111) }
```

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

```
.background{ background-color: rgb(204,  
141, 111) }
```

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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