

Converting Colors

XYZ(37.6392, 33.4822, 19.4922)

Have a look what the booklet for
XYZ(37.6392, 33.4822, 19.4922)
contains.

XYZ(37.7191, 33.4728, 19.5118)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(37.7191, 33.4728,
19.5118)**

Conversions

Conversions Part 1

Format	Color
Hex	CD8E6F
RGB	205, 142, 111
RGB Percent	80%, 56%, 44%
CMY	0.1961, 0.4431, 0.5647
CMYK	0.00, 0.31, 0.46, 0.20
HSL	20°, 48%, 62%
HSV	20°, 46%, 80%
XYZ	37.7191, 33.4728, 19.5118
YIQ	157.3030, 47.4990, 3.7150

Conversions

Conversions Part 2

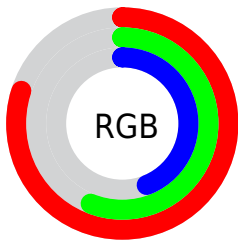
Format	Color
R _Y B	205, 157, 111
Decimal	13471343
CIE Lab	64.54, 20.27, 26.11
CIE LCh	65, 33.053, 52.177
Yxy	33.4728, 0.4158, 0.3690
Android (android.graphics.Color)	4291661423 (0xFFCD8E6F)
YUV	157.3030, -22.8274, 41.8303
Hunter-Lab	57.8557, 15.1259, 20.5035

Details

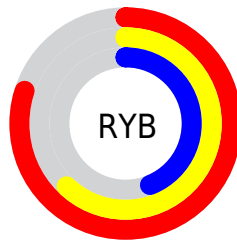
The XYZ color **37.7191, 33.4728, 19.5118** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **32.7104, 38.0579, 63.3795**, and the grayscale version is **32.2697, 33.9502, 36.9718**.

A 20% lighter version of the original color is **67.5908, 63.3842, 43.3223**, and **16.8510, 14.1370, 6.5432** is the 20% darker color. If you saturate the color by 10%, you get **34.7977, 29.2339, 13.5938**, and if you desaturate by 10%, it is **41.1531, 38.3225, 26.8793**.

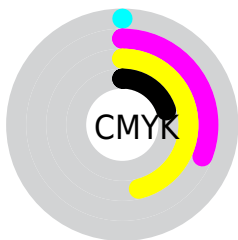
Distribution



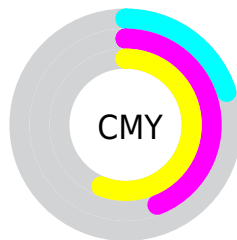
- Red (80%)
- Green (56%)
- Blue (44%)



- Red (80%)
- Yellow (62%)
- Blue (44%)



- Cyan (0%)
- Magenta (31%)
- Yellow (46%)
- Black (20%)





- Cyan (20%)
- Magenta (44%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.7191, 33.4728, 19.5118 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 37.7191, 33.4728, 19.5118 by changing the saturation by 10% instead.


 37.7191, 33.4728,
19.5118


 37.7191, 33.4728,
19.5118

327.7152,
317.7748, 261.7760


 25.9410, 22.4889,
11.8601


 70.9841, 65.1130,
43.4453


 16.9119, 14.2166,
6.5271

 93.2016, 86.5380,
60.5642

 10.2666, 8.2714,
3.0942


 119.6297,
112.2123, 81.6760

 5.6397, 4.2691,
1.1430

 150.6336,
142.5201, 107.1991

 2.6658, 1.8252,
0.0000

186.5788,
177.8458, 137.5521

 0.9796, 0.5028,
0.0000

227.8305,

 0.0000, 0.0000,

218.5740, 173.1536

0.0000

274.7542,
265.0888, 214.4220

■ 37.7191, 33.4728,
19.5118

■ 37.7191, 33.4728,
19.5118

■ 34.7977, 29.2339,
13.5938

■ 41.1531, 38.3225,
26.8793

■ 32.3595, 25.5756,
9.0256

■ 45.1223, 43.8018,
35.7827

■ 30.3752, 22.4718,
5.6980


■ 49.6505, 49.9350,
46.3042


■ 28.8110, 19.8926,
3.4836


■ 54.7595, 56.7433,
58.5192

■ 27.6266, 17.8041,
2.2246

■ 60.4699, 64.2470,
72.4987

 27.2208, 17.0671,
1.8596

 66.8012, 72.4655,
88.3093

 73.7719, 81.4175,
106.0143

 78.0097, 89.7650,
107.8226

 78.9868, 91.7191,
108.1483

Harmonies

Analogous

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



40.9935, 33.4728, 27.4789



37.7191, 33.4728, 19.5118



33.0679, 33.4728, 16.2653

Triad

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



37.7191, 33.4728, 19.5118



23.6348, 33.4728, 33.0172



35.3697, 33.4728, 66.2481

Complementary

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



37.7191, 33.4728, 19.5118



32.7104, 38.0579, 63.3795

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.



30.5939, 33.4728, 68.7865



37.7191, 33.4728, 19.5118



24.1201, 33.4728, 47.1786

Square

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



37.7191, 33.4728, 19.5118



25.1632, 33.4728, 22.7030



26.5614, 33.4728, 61.1107



39.5462, 33.4728, 54.8483

Rectangle

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



37.7191, 33.4728, 19.5118



29.9364, 33.4728, 16.4666



26.5614, 33.4728, 61.1107



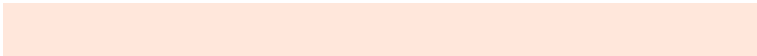
33.7703, 33.4728, 68.2636

Sweetspot

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



37.7199, 33.4744, 19.5125



82.6627, 83.5842, 79.0017



38.6223, 27.4526, 43.9412



17.3217, 17.3920, 16.0320



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.



37.7199, 33.4744, 19.5125



57.0666, 47.9850, 22.3986



45.9796, 49.9938, 22.2657



11.5095, 11.8080, 11.7520



17.0241, 10.7811, 1.1837



0.9476, 0.6950, 0.0842

Inverse Universe

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



32.7104, 38.0579, 63.3795



47.8243, 56.3217, 102.9583



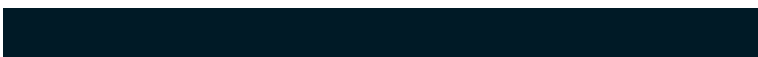
25.3249, 23.2869, 60.9177



11.2194, 12.0791, 14.3106



12.5532, 14.1303, 38.0221



0.7152, 0.8642, 1.9841

Previews

White Background



This preview shows how the XYZ color 37.7191, 33.4728, 19.5118 looks on a white background.

Color Contrast Check

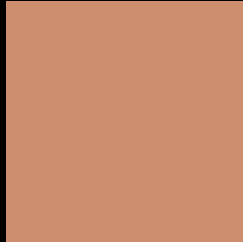
Large Text (above 18pt) WCAG AA × Fail

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 37.7191, 33.4728, 19.5118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

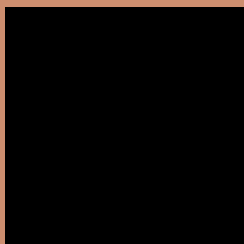
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.7191, 33.4728, 19.5118

Background



This preview shows how black text looks on a background with the XYZ color 37.7191, 33.4728, 19.5118.



This preview shows how white text looks on a background with the XYZ color 37.7191, 33.4728,

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

37.7191, 33.4728, 19.5118

Protanopia

31.4163, 33.7231, 21.6830

Deuteranopia

34.1602, 33.4816, 19.1302



Tritanopia

40.2245, 33.4078, 31.9320

Trichromacy



Original Color

37.7191, 33.4728, 19.5118

Protanomaly

33.3788, 33.5180, 20.9300

Deuteranomaly

35.4963, 33.4626, 19.3399

Tritanomaly

39.2678, 33.4519, 26.9415

Monochromacy



Original Color

37.7191, 33.4728, 19.5118

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.4174, 33.3486, 29.4866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7191, 33.4728, 19.5118 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(205, 142, 111)` looks like.

```
.text, #text, p{  
    color:rgb(205, 142, 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(205, 142, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 142, 111) }
```

Border

The CSS property to change the border of an element to XYZ 37.7191, 33.4728, 19.5118 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(205, 142, 111) }
```


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

```
.border{ border-color:rgb(205, 142, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 142, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 142, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 142, 111);  
box-shadow:4px 4px 4px 4px rgb(205, 142,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7191, 33.4728, 19.5118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 142, 111) }
```

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

```
.background{ background-color: rgb(205,  
142, 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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