

Converting Colors

XYZ(33.7465, 31.7551, 14.4759)

Have a look what the booklet for
XYZ(33.7465, 31.7551, 14.4759)
contains.

XYZ(33.7465, 31.7551, 14.4759)	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(33.7465, 31.7551,
14.4759)**

Conversions

Conversions Part 1	
Format	Color
Hex	C18F5C
RGB	193, 143, 92
RGB Percent	76%, 56%, 36%
CMY	0.2431, 0.4392, 0.6392
CMYK	0.00, 0.26, 0.52, 0.24
HSL	30°, 45%, 56%
HSV	30°, 52%, 76%
XYZ	33.7465, 31.7551, 14.4759
YIQ	152.1360, 46.1710, -5.2610

Conversions

Conversions Part 2

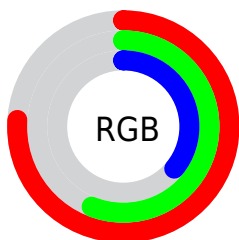
Format	Color
RYB	191, 193, 92
Decimal	12685148
CIELab	63.14, 12.93, 34.37
CIELCh	63, 36.724, 69.383
Yxy	31.7551, 0.4219, 0.3971
Android (android.graphics.Color)	4290875228 (0xFFC18F5C)
YUV	152.1360, -29.6470, 35.8377
Hunter-Lab	56.3517, 8.2803, 24.2154

Details

The XYZ color **33.7465, 31.7551, 14.4759** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **23.7117, 25.4703, 54.1183**, and the grayscale version is **30.0145, 31.5776, 34.3880**.

A 20% lighter version of the original color is **65.0691, 62.6111, 34.6422**, and **14.6855, 13.3289, 4.1816** is the 20% darker color. If you saturate the color by 10%, you get **31.6344, 28.7135, 10.1265**, and if you desaturate by 10%, it is **36.1972, 35.1300, 19.9991**.

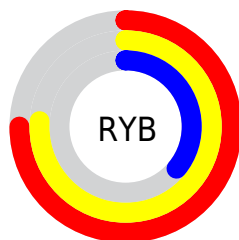
Distribution



Red (76%)

Green (56%)

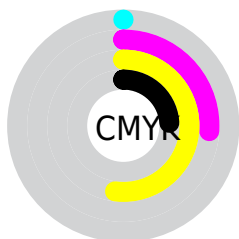
Blue (36%)



Red (75%)

Yellow (76%)

Blue (36%)

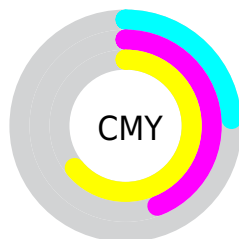


Cyan (0%)

Magenta (26%)

Yellow (52%)

Black (24%)



Cyan (24%)


Magenta (44%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.7465, 31.7551, 14.4759 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 33.7465, 31.7551, 14.4759 by changing the saturation by 10% instead.


 33.7465, 31.7551,
14.4759


 33.7465, 31.7551,
14.4759


310.6061,
310.0021, 231.7021

 22.8609, 21.1745,
8.3099

 64.8862, 62.4270,
34.6603

 14.6109, 13.2516,
4.2033


 85.8709, 83.2870,
49.5157

 8.6313, 7.6020,
1.7375


 110.9528,
108.3424, 68.1048

 4.5567, 3.8414,
0.3862

 140.4971,
137.9774, 90.8459

 2.0216, 1.5852,
0.0000

174.8693,
172.5765, 118.1576

 0.6461, 0.3476,
0.0000


214.4346,


 0.0000, 0.0000,


212.5241, 150.4586


0.0000


259.5584,
258.2045, 188.1672


 33.7465, 31.7551,
14.4759


 33.7465, 31.7551,
14.4759


 31.6344, 28.7135,
10.1265


 36.1972, 35.1300,
19.9991


 29.8390, 25.9880,
6.8603


 39.0021, 38.8455,
26.7737


 28.3387, 23.5660,
4.5762

 42.1782, 42.9142,
34.8727

 27.1073, 21.4320,
3.1526

 45.7410, 47.3465,
44.3632

 26.3099, 19.9729,
2.4685

 49.7047, 52.1525,
55.3074

■ 54.0828, 57.3415,
67.7639

■ 58.8882, 62.9229,
81.7878

■ 64.1331, 68.9053,
97.4317

■ 68.0578, 74.5887,
105.4178

Harmonies

Analogous

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



38.3610, 31.7551, 19.7151



33.7465, 31.7551, 14.4759



28.6208, 31.7551, 13.6986

Triad

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



33.7465, 31.7551, 14.4759



21.5501, 31.7551, 39.3299



36.7995, 31.7551, 60.9540

Complementary

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



33.7465, 31.7551, 14.4759



23.7117, 25.4703, 54.1183

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.



31.7995, 31.7551, 70.0812



33.7465, 31.7551, 14.4759



23.2574, 31.7551, 55.4866

Square

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



33.7465, 31.7551, 14.4759



21.9471, 31.7551, 25.6478



26.8783, 31.7551, 67.8401



40.2561, 31.7551, 45.3673

Rectangle

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



33.7465, 31.7551, 14.4759



25.6477, 31.7551, 15.5087



26.8783, 31.7551, 67.8401



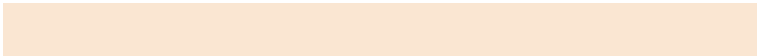
35.2221, 31.7551, 65.0530

Sweetspot

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



33.7473, 31.7566, 14.4765



79.3378, 81.6082, 72.4883



30.7396, 20.9600, 28.2142



16.7367, 17.1545, 14.7948



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.7473, 31.7566, 14.4765



56.0871, 50.5794, 17.0384



42.9938, 50.2498, 17.5587



10.4841, 10.8997, 10.6131



17.5795, 13.4447, 1.6685



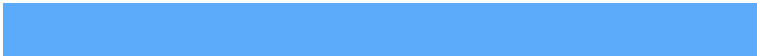
0.8285, 0.7187, 0.0951

Inverse Universe

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



23.7117, 25.4703, 54.1183



36.1484, 38.0926, 95.8077



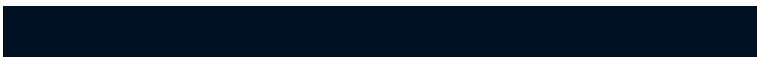
17.8666, 13.7802, 52.1699



9.9308, 10.5530, 12.7983



9.2360, 8.2284, 34.6581



0.4680, 0.4935, 1.5205

Previews

White Background



This preview shows how the XYZ color 33.7465, 31.7551, 14.4759 looks on a white background.

Color Contrast Check

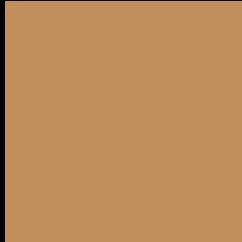
Large Text (above 18pt) WCAG AA × Fail

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 33.7465, 31.7551, 14.4759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

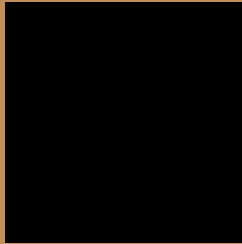
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.7465, 31.7551, 14.4759

Background



This preview shows how black text looks on a background with the XYZ color 33.7465, 31.7551, 14.4759.



This preview shows how white text looks on a background with the XYZ color 33.7465, 31.7551,

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

33.7465, 31.7551, 14.4759

Protanopia

29.4389, 31.8425, 15.6609

Deuteranopia

32.4169, 31.7522, 14.3178




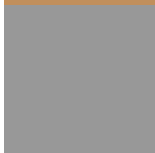

Tritanopia

37.3593, 31.7207, 31.7574

Trichromacy

	Original Color 33.7465, 31.7551, 14.4759
	Protanomaly 30.7175, 31.5512, 15.2975
	Deuteranomaly 33.0000, 31.8249, 14.3011
	Tritanomaly 35.8283, 31.7333, 24.3155

Monochromacy

	Original Color 33.7465, 31.7551, 14.4759
	Achromatopsia 29.8446, 31.3989, 34.1934
	Achromatomaly 30.7131, 31.3221, 25.5461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.7465, 31.7551, 14.4759 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(193, 143, 92) looks like.

```
.text, #text, p{  
    color:rgb(193, 143, 92)  
}
```

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(193, 143, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 143, 92) }
```

Border

The CSS property to change the border of an element to XYZ 33.7465, 31.7551, 14.4759 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(193, 143, 92) }
```


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

```
.border{ border-color:rgb(193, 143, 92) }
```

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

Here you see how a box with a 4 pixel rgb(193, 143, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 143, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 143, 92);  
box-shadow:4px 4px 4px 4px rgb(193, 143,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 33.7465, 31.7551, 14.4759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 143, 92) }
```

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

```
.background{ background-color: rgb(193,  
143, 92) }
```

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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