

Converting Colors

XYZ(33.7115, 31.6536, 18.2429)

Have a look what the booklet for
XYZ(33.7115, 31.6536, 18.2429)
contains.

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Color

**XYZ(33.7115, 31.6536,
18.2429)**

Conversions

Conversions Part 1

Format	Color
Hex	BE8F6B
RGB	190, 143, 107
RGB Percent	75%, 56%, 42%
CMY	0.2549, 0.4392, 0.5804
CMYK	0.00, 0.25, 0.44, 0.25
HSL	26°, 39%, 58%
HSV	26°, 44%, 75%
XYZ	33.7115, 31.6536, 18.2429
YIQ	152.9490, 39.5680, -1.2320

Conversions

Conversions Part 2

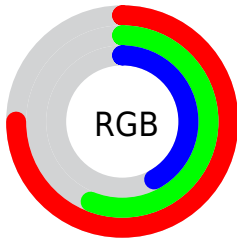
Format	Color
RYB	190, 171, 107
Decimal	12488555
CIELab	63.06, 13.17, 26.05
CIElCh	63, 29.187, 63.171
Yxy	31.6536, 0.4032, 0.3786
Android (android.graphics.Color)	4290678635 (0xFFBE8F6B)
YUV	152.9490, -22.6529, 32.4937
Hunter-Lab	56.2615, 8.4982, 20.1582

Details

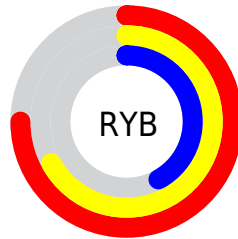
The XYZ color **33.7115, 31.6536, 18.2429** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **26.9128, 29.9536, 53.0783**, and the grayscale version is **30.3401, 31.9202, 34.7611**.

A 20% lighter version of the original color is **64.9357, 62.3922, 41.4213**, and **14.6954, 13.2954, 5.9294** is the 20% darker color. If you saturate the color by 10%, you get **31.2815, 28.2213, 13.0314**, and if you desaturate by 10%, it is **36.5177, 35.4866, 24.6640**.

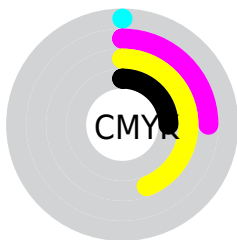
Distribution



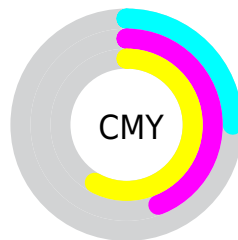
- Red (75%)
- Green (56%)
- Blue (42%)



- Red (75%)
- Yellow (67%)
- Blue (42%)



- Cyan (0%)
- Magenta (25%)
- Yellow (44%)
- Black (25%)





- Cyan (25%)
- Magenta (44%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.7115, 31.6536, 18.2429 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 33.7115, 31.6536, 18.2429 by changing the saturation by 10% instead.


 33.7115, 31.6536,
18.2429


 33.7115, 31.6536,
18.2429


310.4523,
309.5383, 254.5185


 22.8339, 21.0971,
10.9533

 64.8321, 62.2676,
41.2703


 14.5909, 13.1950,
5.9216


 85.8057, 83.0939,
57.8452

 8.6172, 7.5629,
2.7295


 110.8754,
108.1123, 78.3522

 4.5475, 3.8166,
0.9582

 140.4065,
137.7070, 103.2099

 2.0163, 1.5715,
0.0000

174.7644,
172.2626, 132.8368

 0.6431, 0.3383,
0.0000

214.3145,

 0.0000, 0.0000,

212.1634, 167.6516

0.0000

259.4220,
257.7938, 208.0726

■ 33.7115, 31.6536,
18.2429

■ 33.7115, 31.6536,
18.2429

■ 31.2815, 28.2213,
13.0314

■ 36.5177, 35.4866,
24.6640

■ 29.2063, 25.1707,
8.9496

■ 39.7150, 39.7293,
32.3639

■ 27.4660, 22.4877,
5.9107


■ 43.3205, 44.3962,
41.4087


■ 26.0371, 20.1552,
3.8145


■ 47.3493, 49.4996,
51.8593


■ 24.8918, 18.1542,
2.5400

■ 51.8158, 55.0510,
63.7729

 24.2842, 17.0452,
2.0101

 56.7336, 61.0619,
77.2035

 62.1158, 67.5429,
92.2023

 67.3237, 74.2442,
105.3900

 70.3945, 80.3858,
106.4136

Harmonies

Analogous

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



37.0318, 31.6536, 23.7152



33.7115, 31.6536, 18.2429



29.6601, 31.6536, 16.7484

Triad

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



33.7115, 31.6536, 18.2429



23.0081, 31.6536, 35.7049



34.5170, 31.6536, 56.5179

Complementary

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



33.7115, 31.6536, 18.2429



26.9128, 29.9536, 53.0783

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.



30.5155, 31.6536, 61.6353



33.7115, 31.6536, 18.2429



24.0677, 31.6536, 48.0542

Square

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



33.7115, 31.6536, 18.2429



23.7010, 31.6536, 25.4075



26.7299, 31.6536, 58.2385



37.5252, 31.6536, 45.4547

Rectangle

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



33.7115, 31.6536, 18.2429



27.1452, 31.6536, 17.8550



26.7299, 31.6536, 58.2385



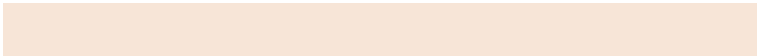
33.2314, 31.6536, 59.0897

Sweetspot

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



33.7123, 31.6551, 18.2435



78.8310, 80.8720, 75.8761



32.3286, 23.7970, 33.4760



16.9735, 17.3266, 15.8031



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.



33.7123, 31.6551, 18.2435



57.0320, 51.6376, 24.3284



41.1267, 46.4839, 20.7150



9.8614, 10.1988, 10.0254



16.2227, 11.4842, 1.3616



0.7005, 0.5800, 0.0750

Inverse Universe

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



26.9128, 29.9536, 53.0783



43.1652, 48.1441, 95.2968



21.2112, 18.5503, 51.1777



9.4526, 10.0976, 12.1230



9.7958, 9.7034, 33.7495



0.4476, 0.5079, 1.3433

Previews

White Background



This preview shows how the XYZ color 33.7115, 31.6536, 18.2429 looks on a white background.

Color Contrast Check

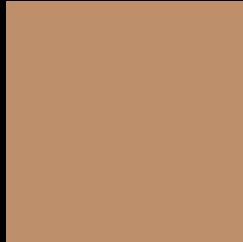
Large Text (above 18pt) WCAG AA × Fail

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 33.7115, 31.6536, 18.2429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

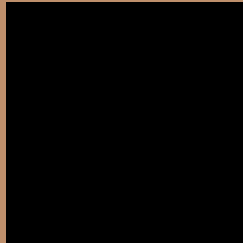
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.7115, 31.6536, 18.2429

Background



This preview shows how black text looks on a background with the XYZ color 33.7115, 31.6536, 18.2429.



This preview shows how white text looks on a background with the XYZ color 33.7115, 31.6536,

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

33.7115, 31.6536, 18.2429

Protanopia

29.5703, 31.8227, 19.6228

Deuteranopia

32.1718, 31.5435, 18.0285



Tritanopia

36.6819, 31.7844, 32.2186

Trichromacy



Original Color

33.7115, 31.6536, 18.2429

Protanomaly

30.7955, 31.5049, 19.2098

Deuteranomaly

32.7345, 31.6057, 18.0109

Tritanomaly

35.6040, 31.7871, 26.4493

Monochromacy



Original Color

33.7115, 31.6536, 18.2429

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.9173, 31.3795, 27.7199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.7115, 31.6536, 18.2429 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(190, 143, 107)` looks like.

```
.text, #text, p{  
    color:rgb(190, 143, 107)  
}
```

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(190, 143, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 143, 107) }
```

Border

The CSS property to change the border of an element to XYZ 33.7115, 31.6536, 18.2429 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(190, 143, 107) }
```


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

```
.border{ border-color:rgb(190, 143, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 143, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 143, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 143, 107);  
box-shadow:4px 4px 4px 4px rgb(190, 143,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 33.7115, 31.6536, 18.2429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 143, 107) }
```

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

```
.background{ background-color: rgb(190,  
143, 107) }
```

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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