

Converting Colors

XYZ(36.0396, 31.5598, 14.9294)

Have a look what the booklet for
XYZ(36.0396, 31.5598, 14.9294)
contains.

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Color

**XYZ(36.1881, 31.6967,
15.0372)**

Conversions

Conversions Part 1

Format	Color
Hex	CD895F
RGB	205, 137, 95
RGB Percent	80%, 54%, 37%
CMY	0.1961, 0.4627, 0.6274
CMYK	0.00, 0.33, 0.54, 0.20
HSL	23°, 52%, 59%
HSV	23°, 54%, 80%
XYZ	36.1881, 31.6967, 15.0372
YIQ	152.5440, 54.0100, 1.3540

Conversions

Conversions Part 2

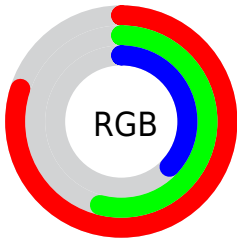
Format	Color
R _Y B	205, 163, 95
Decimal	13470047
CIE Lab	63.09, 21.48, 32.99
CIE LCh	63, 39.363, 56.927
Yxy	31.6967, 0.4364, 0.3822
Android (android.graphics.Color)	4291660127 (0xFFCD895F)
YUV	152.5440, -28.3692, 46.0039
Hunter-Lab	56.2998, 16.2106, 23.5740

Details

The XYZ color **36.1881, 31.6967, 15.0372** 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 **28.8353, 33.0335, 62.6138**, and the grayscale version is **30.1837, 31.7556, 34.5819**.

A 20% lighter version of the original color is **65.0591, 60.5969, 35.4615**, and **15.9743, 13.2328, 4.5086** is the 20% darker color. If you saturate the color by 10%, you get **33.6793, 27.9794, 10.1929**, and if you desaturate by 10%, it is **39.1552, 35.9384, 21.2444**.

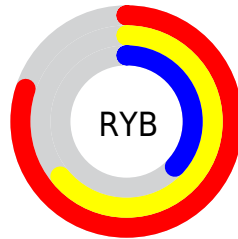
Distribution



Red (80%)

Green (54%)

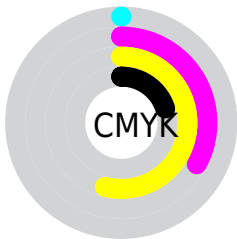
Blue (37%)



Red (80%)

Yellow (64%)

Blue (37%)

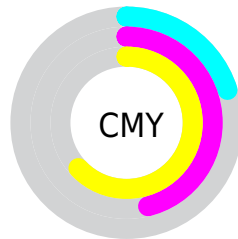


Cyan (0%)

Magenta (33%)

Yellow (54%)

Black (20%)



Cyan (20%)


Magenta (46%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1881, 31.6967, 15.0372 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 36.1881, 31.6967, 15.0372 by changing the saturation by 10% instead.


 36.1881, 31.6967,
15.0372

 36.1881, 31.6967,
15.0372


321.1989,
309.7353, 235.2398


 24.7503, 21.1299,
8.6986


 68.6443, 62.3353,
35.6617


 16.0188, 13.2190,
4.4510


 90.3933, 83.1759,
50.7846

 9.6284, 7.5795,
1.8759


 116.3102,
108.2100, 69.6727

 5.2137, 3.8271,
0.4773

 146.7602,
137.8219, 92.7445

 2.4092, 1.5773,
0.0000

182.1087,
172.3959, 120.4186

 0.8497, 0.3422,
0.0000

222.7211,

 0.0000, 0.0000,

212.3166, 153.1135

0.0000

268.9627,
257.9682, 191.2477

■ 36.1881, 31.6967,
15.0372

■ 36.1881, 31.6967,
15.0372

■ 33.6793, 27.9794,
10.1929

■ 39.1552, 35.9384,
21.2444

■ 31.5996, 24.7594,
6.6037

■ 42.6028, 40.7206,
28.9075

■ 29.9193, 22.0136,
4.1481

■ 46.5542, 46.0646,
38.1132

■ 28.6027, 19.7147,
2.6786

■ 51.0304, 51.9888,
48.9409

■ 27.9212, 18.4680,
2.0931

■ 56.0512, 58.5110,
61.4645

■ 61.6353, 65.6480,
75.7533

■ 67.8003, 73.4159,
91.8728

■ 73.9121, 81.5698,
106.4567

■ 77.7402, 89.2259,
107.7327

Harmonies

Analogous

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



40.4219, 31.6967, 22.6700



36.1881, 31.6967, 15.0372



30.6898, 31.6967, 12.4440

Triad

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



36.1881, 31.6967, 15.0372



20.8613, 31.6967, 32.9346



35.1040, 31.6967, 68.6060

Complementary

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



36.1881, 31.6967, 15.0372



28.8353, 33.0335, 62.6138

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.



29.5707, 31.6967, 73.7859



36.1881, 31.6967, 15.0372



21.7473, 31.6967, 49.8931

Square

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



36.1881, 31.6967, 15.0372



22.2007, 31.6967, 20.6367



24.7831, 31.6967, 66.1037



39.7451, 31.6967, 53.5264

Rectangle

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



36.1881, 31.6967, 15.0372



27.1894, 31.6967, 13.0889



24.7831, 31.6967, 66.1037



33.2684, 31.6967, 71.7279

Sweetspot

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



36.1889, 31.6983, 15.0378



81.6388, 82.5965, 75.3922



36.0304, 23.8683, 38.1467



17.1414, 17.2400, 15.3287



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.



36.1889, 31.6983, 15.0378



54.7384, 45.1800, 15.9150



45.7282, 50.7768, 18.2176



11.5576, 11.9042, 11.7680



17.4673, 11.6676, 1.3314



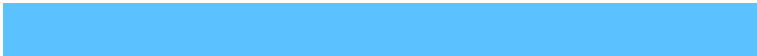
0.9739, 0.7475, 0.0929

Inverse Universe

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



28.8353, 33.0335, 62.6138



41.4430, 47.4836, 101.5887



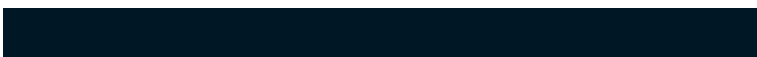
21.2790, 17.9210, 60.0951



11.1695, 11.9794, 14.2939



11.6564, 12.3367, 37.7231



0.6732, 0.7802, 1.9701

Previews

White Background



This preview shows how the XYZ color 36.1881, 31.6967, 15.0372 looks on a white background.

Color Contrast Check

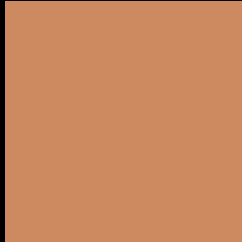
Large Text (above 18pt) WCAG AA × Fail

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 36.1881, 31.6967, 15.0372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

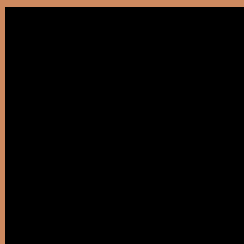
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.1881, 31.6967, 15.0372

Background



This preview shows how black text looks on a background with the XYZ color 36.1881, 31.6967, 15.0372.



This preview shows how white text looks on a background with the XYZ color 36.1881, 31.6967,

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

36.1881, 31.6967, 15.0372

Protanopia

29.4661, 31.8290, 16.9025

Deuteranopia

32.2623, 31.6624, 14.7670



Tritanopia

39.2185, 31.7110, 29.2531

Trichromacy



Original Color

36.1881, 31.6967, 15.0372

Protanomaly

31.5082, 31.4716, 16.2183

Deuteranomaly

33.5811, 31.6595, 14.9307

Tritanomaly

38.0380, 31.6402, 23.1711

Monochromacy



Original Color

36.1881, 31.6967, 15.0372

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.6118, 31.3040, 26.2060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1881, 31.6967, 15.0372 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, 137, 95)` looks like.

```
.text, #text, p{  
    color:rgb(205, 137, 95)  
}
```

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, 137, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 137, 95) }
```

Border

The CSS property to change the border of an element to XYZ 36.1881, 31.6967, 15.0372 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, 137, 95) }
```


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

```
.border{ border-color:rgb(205, 137, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 137, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 137, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 137, 95);  
box-shadow:4px 4px 4px 4px rgb(205, 137,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1881, 31.6967, 15.0372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 137, 95) }
```

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

```
.background{ background-color: rgb(205,  
137, 95) }
```

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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