

Converting Colors

XYZ(35.5280, 31.3005, 14.8553)

Have a look what the booklet for
XYZ(35.5280, 31.3005, 14.8553)
contains.

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Color

**XYZ(35.5946, 31.3960,
14.7737)**

Conversions

Conversions Part 1

Format	Color
Hex	CB895E
RGB	203, 137, 94
RGB Percent	80%, 54%, 37%
CMY	0.2039, 0.4627, 0.6314
CMYK	0.00, 0.33, 0.54, 0.20
HSL	24°, 51%, 58%
HSV	24°, 54%, 80%
XYZ	35.5946, 31.3960, 14.7737
YIQ	151.8320, 53.1390, 0.6190

Conversions

Conversions Part 2

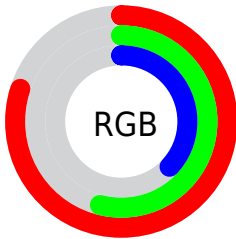
Format	Color
R_{YB}	203, 165, 94
Decimal	13338974
CIE _{Lab}	62.84, 20.57, 33.16
CIE _{LCh}	63, 39.023, 58.187
Yxy	31.3960, 0.4353, 0.3840
Android (android.graphics.Color)	4291529054 (0xFFCB895E)
YUV	151.8320, -28.5112, 44.8743
Hunter-Lab	56.0321, 15.3365, 23.5898

Details

The XYZ color **35.5946, 31.3960, 14.7737** 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 **27.9656, 31.8315, 61.1697**, and the grayscale version is **29.8763, 31.4322, 34.2297**.

A 20% lighter version of the original color is **64.9816, 60.5659, 35.0536**, and **15.7753, 13.1326, 4.3927** is the 20% darker color. If you saturate the color by 10%, you get **33.1520, 27.7820, 10.0411**, and if you desaturate by 10%, it is **38.4773, 35.5070, 20.8353**.

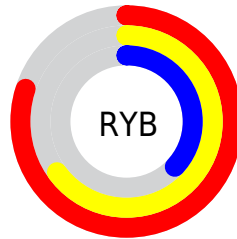
Distribution



Red (80%)

Green (54%)

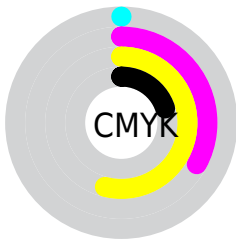
Blue (37%)



Red (80%)

Yellow (65%)

Blue (37%)

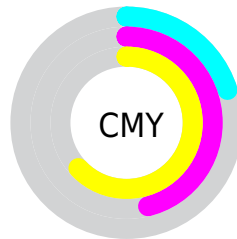


Cyan (0%)

Magenta (33%)

Yellow (54%)

Black (20%)



Cyan (20%)


Magenta (46%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5946, 31.3960, 14.7737 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 35.5946, 31.3960, 14.7737 by changing the saturation by 10% instead.


 35.5946, 31.3960,
14.7737


 35.5946, 31.3960,
14.7737


318.6474,
308.3586, 233.5858


 24.2899, 20.9006,
8.5159


 67.7339, 61.8630,
35.1924

 15.6747, 13.0513,
4.3343


 89.2991, 82.6034,
50.1903

 9.3837, 7.4639,
1.8105


 115.0153,
107.5275, 68.9386

 5.0514, 3.7539,
0.4349

 145.2478,
137.0198, 91.8559

 2.3125, 1.5369,
0.0000

180.3619,
171.4647, 119.3608

 0.8011, 0.3145,
0.0000

220.7229,

 0.0000, 0.0000,

211.2465, 151.8717

0.0000

266.6963,
256.7496, 189.8071

■ 35.5946, 31.3960,
14.7737

■ 35.5946, 31.3960,
14.7737

■ 33.1520, 27.7820,
10.0411

■ 38.4773, 35.5070,
20.8353

■ 31.1214, 24.6394,
6.5324

■ 41.8213, 40.1300,
28.3165

■ 29.4744, 21.9468,
4.1290

■ 45.6490, 45.2847,
37.3018

■ 28.1766, 19.6786,
2.6874

■ 49.9806, 50.9885,
47.8687

■ 27.5038, 18.4472,
2.1111

■ 54.8348, 57.2579,
60.0892

■ 60.2297, 64.1086,
74.0308

■ 66.1821, 71.5558,
89.7574

■ 72.4819, 79.5233,
106.1371

■ 76.1299, 86.8194,
107.3531

Harmonies

Analogous

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



39.8497, 31.3960, 22.0789



35.5946, 31.3960, 14.7737



30.1673, 31.3960, 12.3945

Triad

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



35.5946, 31.3960, 14.7737



20.7004, 31.3960, 33.2620



34.9648, 31.3960, 67.2541

Complementary

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



35.5946, 31.3960, 14.7737



27.9656, 31.8315, 61.1697

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.



29.5169, 31.3960, 72.8617



35.5946, 31.3960, 14.7737



21.6663, 31.3960, 50.0623

Square

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



35.5946, 31.3960, 14.7737



21.9301, 31.3960, 20.8954



24.7434, 31.3960, 65.8023



39.4567, 31.3960, 52.1716

Rectangle

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



35.5946, 31.3960, 14.7737



26.7460, 31.3960, 13.1497



24.7434, 31.3960, 65.8023



33.1659, 31.3960, 70.4767

Sweetspot

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



35.5954, 31.3976, 14.7743



81.7828, 82.8845, 75.4402



35.0834, 23.2830, 36.4635



17.1756, 17.3083, 15.3400



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.



35.5954, 31.3976, 14.7743



55.0833, 45.8697, 16.0300



45.1237, 50.4542, 17.9504



11.5694, 11.9277, 11.7719



17.5866, 11.9061, 1.3712



0.9807, 0.7611, 0.0952

Inverse Universe

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



27.9656, 31.8315, 61.1697



40.9897, 46.5771, 101.4376



20.6240, 17.1482, 58.7225



11.1574, 11.9551, 14.2899



11.4513, 11.9265, 37.6548



0.6635, 0.7607, 1.9668

Previews

White Background



This preview shows how the XYZ color 35.5946, 31.3960, 14.7737 looks on a white background.

Color Contrast Check

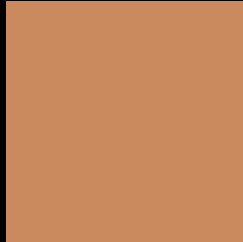
Large Text (above 18pt) WCAG AA × Fail

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 35.5946, 31.3960, 14.7737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

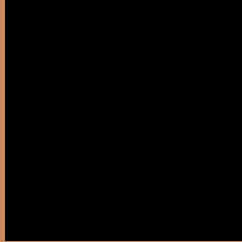
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.5946, 31.3960, 14.7737

Background



This preview shows how black text looks on a background with the XYZ color 35.5946, 31.3960, 14.7737.



This preview shows how white text looks on a background with the XYZ color 35.5946, 31.3960,

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

35.5946, 31.3960, 14.7737

Protanopia

29.2544, 31.4836, 16.5917

Deuteranopia

32.2182, 31.6448, 14.5352



Tritanopia

38.6561, 31.4211, 29.2268

Trichromacy



Original Color

35.5946, 31.3960, 14.7737

Protanomaly

31.2287, 31.3330, 15.9572

Deuteranomaly

33.5365, 31.6417, 14.6958

Tritanomaly

37.4792, 31.3521, 23.1450

Monochromacy



Original Color

35.5946, 31.3960, 14.7737

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.3250, 31.1641, 25.8370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5946, 31.3960, 14.7737 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(203, 137, 94)` looks like.

```
.text, #text, p{  
    color:rgb(203, 137, 94)  
}
```

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(203, 137, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 137, 94) }
```

Border

The CSS property to change the border of an element to XYZ 35.5946, 31.3960, 14.7737 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(203, 137, 94) }
```


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

```
.border{ border-color:rgb(203, 137, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 137, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 137, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 137, 94);  
box-shadow:4px 4px 4px 4px rgb(203, 137,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5946, 31.3960, 14.7737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 137, 94) }
```

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

```
.background{ background-color: rgb(203,  
137, 94) }
```

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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