

Converting Colors

XYZ(35.3452, 31.3416, 7.9541)

Have a look what the booklet for
XYZ(35.3452, 31.3416, 7.9541)
contains.

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Color

**XYZ(35.3916, 31.4422,
7.9450)**

Conversions

Conversions Part 1

Format	Color
Hex	CF8938
RGB	207, 137, 56
RGB Percent	81%, 54%, 22%
CMY	0.1882, 0.4627, 0.7804
CMYK	0.00, 0.34, 0.73, 0.19
HSL	32°, 61%, 52%
HSV	32°, 73%, 81%
XYZ	35.3916, 31.4422, 7.9450
YIQ	148.6960, 67.7210, -10.3510

Conversions

Conversions Part 2

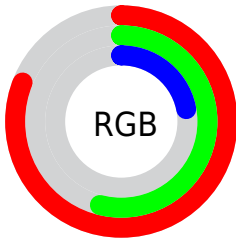
Format	Color
RYB	186, 207, 56
Decimal	13601080
CIELab	62.88, 19.72, 52.42
CIElCh	63, 56.009, 69.388
Yxy	31.4422, 0.4733, 0.4205
Android (android.graphics.Color)	4291791160 (0xFFCF8938)
YUV	148.6960, -45.6991, 51.1326
Hunter-Lab	56.0733, 14.5348, 30.8506

Details

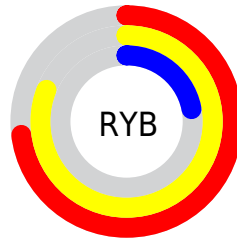
The XYZ color **35.3916, 31.4422, 7.9450** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **20.3538, 20.2666, 61.8702**, and the grayscale version is **28.6060, 30.0957, 32.7743**.

A 20% lighter version of the original color is **62.3073, 59.1484, 22.0428**, and **15.6209, 13.1123, 1.7076** is the 20% darker color. If you saturate the color by 10%, you get **33.6823, 28.6734, 5.3730**, and if you desaturate by 10%, it is **37.4328, 34.5405, 11.6603**.

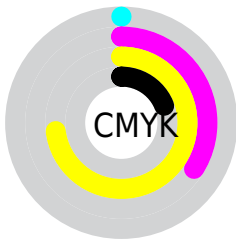
Distribution



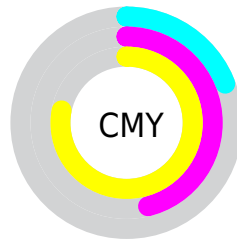
- Red (81%)
- Green (54%)
- Blue (22%)



- Red (73%)
- Yellow (81%)
- Blue (22%)



- Cyan (0%)
- Magenta (34%)
- Yellow (73%)
- Black (19%)





- Cyan (19%)
- Magenta (46%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3916, 31.4422, 7.9450 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 35.3916, 31.4422, 7.9450 by changing the saturation by 10% instead.


 35.3916, 31.4422,
7.9450


 35.3916, 31.4422,
7.9450


317.7713,
308.5704, 185.2185


 24.1326, 20.9358,
3.9725


 67.4220, 61.9356,
22.3949

 15.5573, 13.0771,
1.6103


 88.9241, 82.6914,
33.7095

 9.3003, 7.4816,
0.2981


 114.5714,
107.6325, 48.3084

 4.9962, 3.7651,
0.0000

 144.7290,
137.1432, 66.6103

 2.2798, 1.5430,
0.0000

 179.7625,
171.6079, 89.0338

 0.7843, 0.3187,
0.0000

 220.0371,

 0.0000, 0.0000,

211.4111, 115.9972

0.0000

265.9183,
256.9371, 147.9193

■ 35.3916, 31.4422,
7.9450

■ 35.3916, 31.4422,
7.9450

■ 33.6823, 28.6734,
5.3730

■ 37.4328, 34.5405,
11.6603

■ 32.2721, 26.2120,
3.7957

■ 39.8299, 37.9788,
16.6393

■ 31.4214, 24.6442,
3.1007

■ 42.6065, 41.7725,
22.9888

■ 45.7832, 45.9345,
30.8036

■ 49.3790, 50.4766,
40.1703

■ 53.4115, 55.4101,
51.1682

■ 57.8971, 60.7458,
63.8716

■ 62.8515, 66.4940,
78.3500

■ 68.2894, 72.6643,
94.6688

Harmonies

Analogous

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



42.8145, 31.4422, 13.7978



35.3916, 31.4422, 7.9450



27.5399, 31.4422, 7.1635

Triad

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



35.3916, 31.4422, 7.9450



17.5534, 31.4422, 41.6086



40.2708, 31.4422, 78.4354

Complementary

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



35.3916, 31.4422, 7.9450



20.3538, 20.2666, 61.8702

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.



32.3593, 31.4422, 95.2198



35.3916, 31.4422, 7.9450



19.8618, 31.4422, 68.7018

Square

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



35.3916, 31.4422, 7.9450



18.0830, 31.4422, 21.3992



24.9812, 31.4422, 91.0475



45.9497, 31.4422, 51.3891

Rectangle

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



35.3916, 31.4422, 7.9450



23.2074, 31.4422, 9.0234



24.9812, 31.4422, 91.0475



37.7341, 31.4422, 85.8973

Sweetspot

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



35.3923, 31.4438, 7.9456



79.5552, 81.4148, 65.4936



30.9424, 17.6124, 21.6660



16.6721, 16.9828, 13.0715



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.



35.3923, 31.4438, 7.9456



52.5456, 43.4838, 6.8926



47.3746, 57.4628, 12.3362



12.3264, 12.8435, 12.4414



19.8927, 15.7184, 1.9855



1.1913, 1.0368, 0.1373

Inverse Universe

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



20.3538, 20.2666, 61.8702



27.2141, 24.7271, 97.9462



14.6034, 8.3268, 59.8687



11.6089, 12.3080, 15.0075



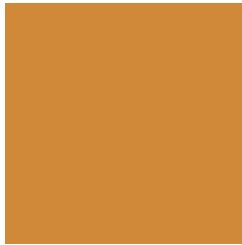
9.8213, 8.2892, 38.2748



0.6282, 0.6215, 2.1664

Previews

White Background



This preview shows how the XYZ color 35.3916, 31.4422, 7.9450 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 35.3916, 31.4422, 7.9450 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 35.3916, 31.4422, 7.9450

Background



This preview shows how black text looks on a background with the XYZ color 35.3916, 31.4422, 7.9450.



This preview shows how white text looks on a background with the XYZ color 35.3916, 31.4422,

7.9450.

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

35.3916, 31.4422, 7.9450

Protanopia

28.7844, 31.6548, 8.8678

Deuteranopia

32.2771, 31.5935, 7.8870



Tritanopia

39.5891, 31.5325, 28.0446

Trichromacy



Original Color

35.3916, 31.4422, 7.9450

Protanomaly

30.7516, 31.2505, 8.5488

Deuteranomaly

33.3885, 31.4922, 7.9333

Tritanomaly

37.5364, 31.2869, 18.2479

Monochromacy



Original Color

35.3916, 31.4422, 7.9450

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.7975, 30.0347, 20.4464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3916, 31.4422, 7.9450 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(207, 137, 56)` looks like.

```
.text, #text, p{  
    color:rgb(207, 137, 56)  
}
```

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(207, 137, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 137, 56) }
```

Border

The CSS property to change the border of an element to XYZ 35.3916, 31.4422, 7.9450 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(207, 137, 56) }
```


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

```
.border{ border-color:rgb(207, 137, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 137, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 137, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 137, 56);  
box-shadow:4px 4px 4px 4px rgb(207, 137,  
56) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3916, 31.4422, 7.9450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 137, 56) }
```

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

```
.background{ background-color: rgb(207,  
137, 56) }
```

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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