

Converting Colors

XYZ(35.0508, 33.0014, 15.3493)

Have a look what the booklet for
XYZ(35.0508, 33.0014, 15.3493)
contains.

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Color

**XYZ(35.1094, 33.1198,
15.3688)**

Conversions

Conversions Part 1

Format	Color
Hex	C4925F
RGB	196, 146, 95
RGB Percent	77%, 57%, 37%
CMY	0.2314, 0.4274, 0.6274
CMYK	0.00, 0.26, 0.52, 0.23
HSL	30°, 46%, 57%
HSV	30°, 52%, 77%
XYZ	35.1094, 33.1198, 15.3688
YIQ	155.1360, 46.1710, -5.2610

Conversions

Conversions Part 2

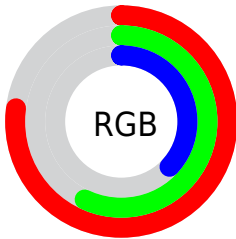
Format	Color
RYB	194, 196, 95
Decimal	12882527
CIELab	64.26, 12.82, 34.24
CIELCh	64, 36.562, 69.480
Yxy	33.1198, 0.4200, 0.3962
Android (android.graphics.Color)	4291072607 (0xFFC4925F)
YUV	155.1360, -29.6470, 35.8377
Hunter-Lab	57.5498, 8.1853, 24.4513

Details

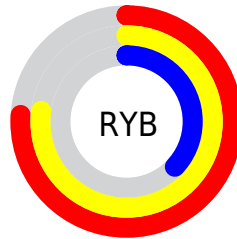
The XYZ color **35.1094, 33.1198, 15.3688** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **24.8080, 26.6680, 56.0642**, and the grayscale version is **31.3296, 32.9611, 35.8947**.

A 20% lighter version of the original color is **67.0826, 64.6439, 36.1360**, and **15.4205, 13.9651, 4.5721** is the 20% darker color. If you saturate the color by 10%, you get **32.8956, 29.9431, 10.7748**, and if you desaturate by 10%, it is **37.6759, 36.6432, 21.1869**.

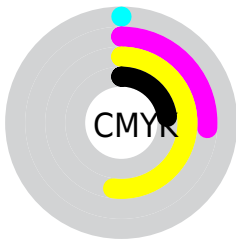
Distribution



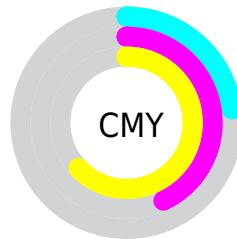
- Red (77%)
- Green (57%)
- Blue (37%)



- Red (76%)
- Yellow (77%)
- Blue (37%)



- Cyan (0%)
- Magenta (26%)
- Yellow (52%)
- Black (23%)





- Cyan (23%)
- Magenta (43%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1094, 33.1198, 15.3688 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 35.1094, 33.1198, 15.3688 by changing the saturation by 10% instead.


 35.1094, 33.1198,
15.3688


 35.1094, 33.1198,
15.3688

316.5505,
316.1892, 237.3049


 23.9141, 22.2182,
8.9291


 66.9881, 64.5625,
36.2503


 15.3943, 14.0173,
4.5988


 88.4022, 85.8725,
51.5292

 9.1847, 8.1327,
1.9593


 113.9533,
111.4207, 70.5916

 4.9199, 4.1800,
0.5301

 144.0067,
141.5915, 93.8560

 2.2346, 1.7748,
0.0000

178.9277,
176.7694, 121.7410

 0.7609, 0.4714,
0.0000

219.0818,

 0.0000, 0.0000,

217.3387, 154.6652

0.0000

264.8343,
263.6838, 193.0469

■ 35.1094, 33.1198,
15.3688

■ 35.1094, 33.1198,
15.3688

■ 32.8956, 29.9431,
10.7748

■ 37.6759, 36.6432,
21.1869

■ 31.0118, 27.0953,
7.3114

■ 40.6111, 40.5208,
28.3089

■ 29.4359, 24.5635,
4.8751

■ 43.9327, 44.7656,
36.8104

■ 28.1412, 22.3315,
3.3413

■ 47.6566, 49.3884,
46.7603

■ 27.2247, 20.6555,
2.5520

■ 51.7974, 54.3995,
58.2231

■ 56.3692, 59.8088,
71.2592

■ 61.3852, 65.6258,
85.9257

■ 66.8581, 71.8595,
102.2770

■ 70.0455, 77.4169,
105.8589

Harmonies

Analogous

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



39.8289, 33.1198, 20.7695



35.1094, 33.1198, 15.3688



29.8640, 33.1198, 14.5767

Triad

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



35.1094, 33.1198, 15.3688



22.6252, 33.1198, 40.9775



38.2614, 33.1198, 62.9309

Complementary

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



35.1094, 33.1198, 15.3688



24.8080, 26.6680, 56.0642

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.



33.1520, 33.1198, 72.2430



35.1094, 33.1198, 15.3688



24.3868, 33.1198, 57.4606

Square

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



35.1094, 33.1198, 15.3688



23.0263, 33.1198, 26.9410



28.1086, 33.1198, 70.0044



41.7830, 33.1198, 47.0389

Rectangle

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



35.1094, 33.1198, 15.3688



26.8186, 33.1198, 16.4624



28.1086, 33.1198, 70.0044



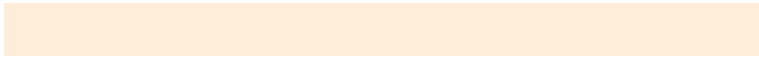
36.6511, 33.1198, 67.1087

Sweetspot

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



35.1102, 33.1214, 15.3695



83.7464, 86.2858, 77.7162



32.0067, 21.9803, 29.5466



17.6153, 18.0842, 15.8058



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.



35.1102, 33.1214, 15.3695



59.0639, 53.4629, 18.4912



44.5703, 52.0416, 18.5228



10.4841, 10.8997, 10.6131



17.5794, 13.4446, 1.6685



0.8285, 0.7187, 0.0951

Inverse Universe

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



24.8080, 26.6680, 56.0642



38.3302, 40.4781, 100.4006



18.7756, 14.6032, 54.0534



9.9308, 10.5530, 12.7983



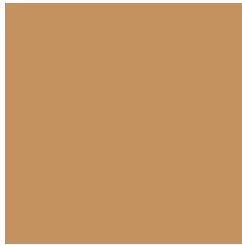
9.2360, 8.2285, 34.6581



0.4680, 0.4935, 1.5205

Previews

White Background



This preview shows how the XYZ color 35.1094, 33.1198, 15.3688 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 35.1094, 33.1198, 15.3688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

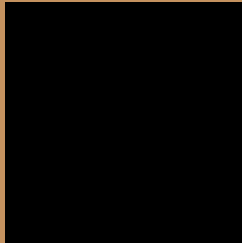
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.1094, 33.1198, 15.3688

Background



This preview shows how black text looks on a background with the XYZ color 35.1094, 33.1198, 15.3688.



This preview shows how white text looks on a background with the XYZ color 35.1094, 33.1198,

15.3688.

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

35.1094, 33.1198, 15.3688

Protanopia

30.7182, 33.2238, 16.5982

Deuteranopia

33.7541, 33.1219, 15.2038



Tritanopia

38.8250, 33.0848, 33.1939

Trichromacy



Original Color

35.1094, 33.1198, 15.3688

Protanomaly

32.0232, 32.9220, 16.2221

Deuteranomaly

34.3485, 33.1944, 15.1865

Tritanomaly

37.2555, 33.0998, 25.5444

Monochromacy



Original Color

35.1094, 33.1198, 15.3688

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.0394, 32.6960, 26.8126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1094, 33.1198, 15.3688 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(196, 146, 95)` looks like.

```
.text, #text, p{  
    color:rgb(196, 146, 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(196, 146, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 146, 95) }
```

Border

The CSS property to change the border of an element to XYZ 35.1094, 33.1198, 15.3688 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(196, 146, 95) }
```


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

```
.border{ border-color:rgb(196, 146, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 146, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 146, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 146, 95);  
box-shadow:4px 4px 4px 4px rgb(196, 146,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1094, 33.1198, 15.3688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 146, 95) }
```

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

```
.background{ background-color: rgb(196,  
146, 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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