

Converting Colors

XYZ(35.8320, 34.2903, 11.7674)

Have a look what the booklet for
XYZ(35.8320, 34.2903, 11.7674)
contains.

XYZ(35.9064, 34.3101, 11.7512)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.9064, 34.3101,
11.7512)**

Conversions

Conversions Part 1

Format	Color
Hex	C8954D
RGB	200, 149, 77
RGB Percent	78%, 58%, 30%
CMY	0.2157, 0.4157, 0.6980
CMYK	0.00, 0.25, 0.61, 0.22
HSL	35°, 53%, 54%
HSV	35°, 61%, 78%
XYZ	35.9064, 34.3101, 11.7512
YIQ	156.0410, 53.5080, -11.5800

Conversions

Conversions Part 2

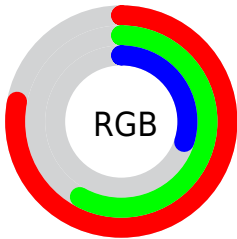
Format	Color
RYB	164, 200, 77
Decimal	13145421
CIELab	65.21, 11.42, 44.79
CIELCh	65, 46.223, 75.702
Yxy	34.3101, 0.4381, 0.4186
Android (android.graphics.Color)	4291335501 (0xFFC8954D)
YUV	156.0410, -38.9672, 38.5520
Hunter-Lab	58.5748, 6.9147, 29.1077

Details

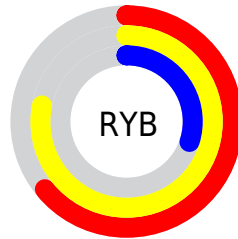
The XYZ color **35.9064, 34.3101, 11.7512** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **21.2046, 21.1852, 57.6148**, and the grayscale version is **31.7708, 33.4253, 36.4002**.

A 20% lighter version of the original color is **66.4922, 65.5304, 29.5662**, and **15.8932, 14.6541, 3.0278** is the 20% darker color. If you saturate the color by 10%, you get **34.0405, 31.5401, 8.1649**, and if you desaturate by 10%, it is **38.0844, 37.3571, 16.5131**.

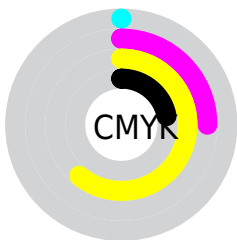
Distribution



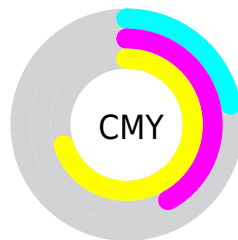
- Red (78%)
- Green (58%)
- Blue (30%)



- Red (64%)
- Yellow (78%)
- Blue (30%)



- Cyan (0%)
- Magenta (25%)
- Yellow (61%)
- Black (22%)





- Cyan (22%)
- Magenta (42%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9064, 34.3101, 11.7512 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 35.9064, 34.3101, 11.7512 by changing the saturation by 10% instead.


 35.9064, 34.3101,
11.7512


 35.9064, 34.3101,
11.7512


319.9896,
321.5126, 213.6703


 24.5317, 23.1319,
6.4540


 68.2124, 66.4156,
29.6987

 15.8554, 14.6910,
3.0499


 89.8744, 88.1117,
43.1862


 9.5121, 8.6028,
1.1201


 115.6962,
114.0826, 60.2408

 5.1364, 4.4830,
0.0000

 146.0431,
144.7127, 81.2811

 2.3631, 1.9473,
0.0000

 181.2806,
180.3863, 106.7257

 0.8267, 0.5766,
0.0000

221.7739,

 0.0000, 0.0000,

221.4879, 136.9930

0.0000

267.8885,
268.4019, 172.5017

■ 35.9064, 34.3101,
11.7512

■ 35.9064, 34.3101,
11.7512

■ 34.0405, 31.5401,
8.1649

■ 38.0844, 37.3571,
16.5131

■ 32.4618, 29.0301,
5.6429

■ 40.5919, 40.6870,
22.5441

■ 31.1444, 26.7677,
4.0556

■ 43.4478, 44.3116,
29.9306

■ 30.1900, 25.0208,
3.2383

■ 46.6686, 48.2404,
38.7507

■ 50.2695, 52.4822,
49.0764

■ 54.2649, 57.0455,
60.9751

■ 58.6684, 61.9382,
74.5098

■ 63.4927, 67.1681,
89.7402

■ 68.4261, 72.6130,
105.0170

Harmonies

Analogous

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



42.4909, 34.3101, 16.6409



35.9064, 34.3101, 11.7512



29.2378, 34.3101, 11.8601

Triad

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



35.9064, 34.3101, 11.7512



21.6878, 34.3101, 48.2927



42.7587, 34.3101, 69.6133

Complementary

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



35.9064, 34.3101, 11.7512



21.2046, 21.1852, 57.6148

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.



36.2336, 34.3101, 85.4959



35.9064, 34.3101, 11.7512



24.3947, 34.3101, 70.5891

Square

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



35.9064, 34.3101, 11.7512



21.6254, 34.3101, 28.9452



29.5231, 34.3101, 85.9042



46.8000, 34.3101, 47.2604

Rectangle

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



35.9064, 34.3101, 11.7512



25.6375, 34.3101, 14.6473



29.5231, 34.3101, 85.9042



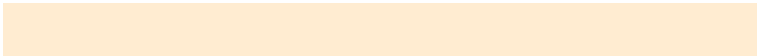
40.7459, 34.3101, 76.1784

Sweetspot

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



35.9072, 34.3118, 11.7519



82.7479, 85.8422, 72.5944



30.3861, 19.1524, 22.6040



17.3313, 17.9210, 14.4631



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.



35.9072, 34.3118, 11.7519



57.9083, 53.0090, 12.3804



43.1665, 52.7591, 14.9299



11.1411, 11.6513, 11.2245



19.2861, 16.0894, 2.0891



0.9834, 0.9023, 0.1223

Inverse Universe

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



21.2046, 21.1852, 57.6148



30.3713, 28.4972, 98.5075



17.0333, 11.5165, 55.9684



10.4119, 10.9978, 13.4915



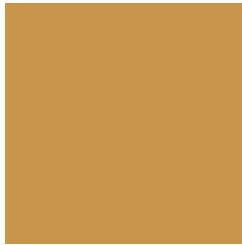
8.6755, 6.7449, 35.5890



0.4819, 0.4616, 1.7088

Previews

White Background



This preview shows how the XYZ color 35.9064, 34.3101, 11.7512 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 35.9064, 34.3101, 11.7512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

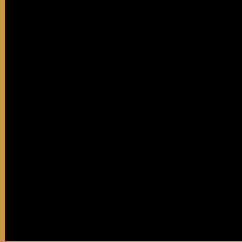
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.9064, 34.3101, 11.7512

Background



This preview shows how black text looks on a background with the XYZ color 35.9064, 34.3101, 11.7512.



This preview shows how white text looks on a background with the XYZ color 35.9064, 34.3101,

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

35.9064, 34.3101, 11.7512

Protanopia

31.5253, 34.4894, 12.5850

Deuteranopia

35.1711, 34.4048, 11.8083



Tritanopia

40.5644, 34.4059, 33.7812

Trichromacy



Original Color

35.9064, 34.3101, 11.7512

Protanomaly

32.8998, 34.1975, 12.2639

Deuteranomaly

35.2719, 34.2188, 11.7670

Tritanomaly

38.5132, 34.2391, 23.6477

Monochromacy



Original Color

35.9064, 34.3101, 11.7512

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.2353, 33.0854, 24.7658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9064, 34.3101, 11.7512 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(200, 149, 77)` looks like.

```
.text, #text, p{  
    color:rgb(200, 149, 77)  
}
```

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(200, 149, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 149, 77) }
```

Border

The CSS property to change the border of an element to XYZ 35.9064, 34.3101, 11.7512 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(200, 149, 77) }
```


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

```
.border{ border-color:rgb(200, 149, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 149, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 149, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 149, 77);  
box-shadow:4px 4px 4px 4px rgb(200, 149,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9064, 34.3101, 11.7512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 149, 77) }
```

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

```
.background{ background-color: rgb(200,  
149, 77) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor