

Converting Colors

XYZ(35.0906, 33.1727, 12.5361)

Have a look what the booklet for
XYZ(35.0906, 33.1727, 12.5361)
contains.

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Color

**XYZ(35.0906, 33.1727,
12.5361)**

Conversions

Conversions Part 1

Format	Color
Hex	C69252
RGB	198, 146, 82
RGB Percent	78%, 57%, 32%
CMY	0.2235, 0.4274, 0.6784
CMYK	0.00, 0.26, 0.59, 0.22
HSL	33°, 50%, 55%
HSV	33°, 59%, 78%
XYZ	35.0906, 33.1727, 12.5361
YIQ	154.2520, 51.5360, -8.8800

Conversions

Conversions Part 2

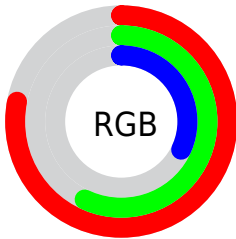
Format	Color
RYB	176, 198, 82
Decimal	13013586
CIELab	64.30, 12.57, 41.15
CIELCh	64, 43.029, 73.017
Yxy	33.1727, 0.4343, 0.4106
Android (android.graphics.Color)	4291203666 (0xFFC69252)
YUV	154.2520, -35.6202, 38.3670
Hunter-Lab	57.5957, 7.9598, 27.4122

Details

The XYZ color **35.0906, 33.1727, 12.5361** 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 **22.1974, 22.9203, 56.6801**, and the grayscale version is **30.9624, 32.5749, 35.4740**.

A 20% lighter version of the original color is **66.1279, 64.2620, 31.1088**, and **15.4419, 14.1383, 3.3539** is the 20% darker color. If you saturate the color by 10%, you get **33.1279, 30.2841, 8.6859**, and if you desaturate by 10%, it is **37.3785, 36.3640, 17.5677**.

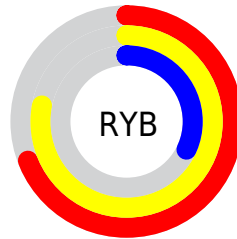
Distribution



Red (78%)

Green (57%)

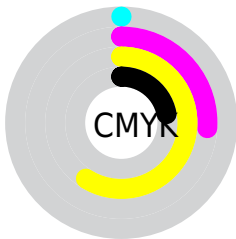
Blue (32%)



Red (69%)

Yellow (78%)

Blue (32%)

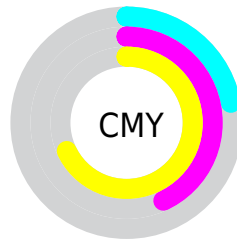


Cyan (0%)

Magenta (26%)

Yellow (59%)

Black (22%)



Cyan (22%)


Magenta (43%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0906, 33.1727, 12.5361 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 35.0906, 33.1727, 12.5361 by changing the saturation by 10% instead.


 35.0906, 33.1727,
12.5361


 35.0906, 33.1727,
12.5361


316.4691,
316.4272, 219.0252

 23.8995, 22.2588,
6.9829


 66.9592, 64.6451,
31.1467

 15.3834, 14.0472,
3.3731


 88.3674, 85.9723,
45.0412


 9.1770, 8.1535,
1.2882

 113.9121,
111.5394, 62.5532

 4.9148, 4.1933,
0.0521

 143.9585,
141.7308, 84.1013

 2.2316, 1.7823,
0.0000

 178.8720,
176.9309, 110.1040

 0.7593, 0.4761,
0.0000

219.0181,

 0.0000, 0.0000,

217.5241, 140.9799

0.0000

264.7620,
263.8947, 177.1474

■ 35.0906, 33.1727,
12.5361

■ 35.0906, 33.1727,
12.5361

■ 33.1279, 30.2841,
8.6859

■ 37.3785, 36.3640,
17.5677

■ 31.4663, 27.6808,
5.9128

■ 40.0086, 39.8645,
23.8691

■ 30.0815, 25.3503,
4.0975

■ 42.9991, 43.6864,
31.5223

■ 28.9346, 23.2730,
3.0476

■ 46.3663, 47.8398,
40.6017

■ 28.7839, 22.9962,
2.9216

■ 50.1253, 52.3340,
51.1765

■ 54.2902, 57.1780,
63.3111

■ 58.8745, 62.3805,
77.0662

■ 63.8909, 67.9496,
92.4993

■ 68.5026, 73.5537,
105.1945

Harmonies

Analogous

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



40.9325, 33.1727, 17.6715



35.0906, 33.1727, 12.5361



28.9546, 33.1727, 12.2405

Triad

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



35.0906, 33.1727, 12.5361



21.4044, 33.1727, 44.2481



40.2514, 33.1727, 66.7616

Complementary

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



35.0906, 33.1727, 12.5361



22.1974, 22.9203, 56.6801

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.



34.2531, 33.1727, 79.8696



35.0906, 33.1727, 12.5361



23.6898, 33.1727, 64.3099

Square

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



35.0906, 33.1727, 12.5361



21.5676, 33.1727, 27.1486



28.2182, 33.1727, 78.8500



44.1660, 33.1727, 46.8762

Rectangle

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



35.0906, 33.1727, 12.5361



25.5466, 33.1727, 14.6007



28.2182, 33.1727, 78.8500



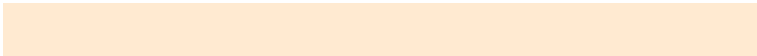
38.3808, 33.1727, 72.3563

Sweetspot

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



35.0914, 33.1743, 12.5367



82.3052, 84.9569, 72.4469



30.6232, 19.7674, 24.8292



17.2232, 17.7048, 14.4271



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.



35.0914, 33.1743, 12.5367



57.8899, 52.4447, 14.0007



43.5060, 52.2299, 15.7713



11.1109, 11.5909, 11.2144



18.8054, 15.1280, 1.9289



0.9620, 0.8594, 0.1152

Inverse Universe

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



22.1974, 22.9203, 56.6801



33.0446, 32.7256, 99.1828



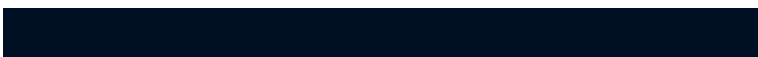
17.2162, 12.1771, 54.8690



10.4416, 11.0572, 13.5014



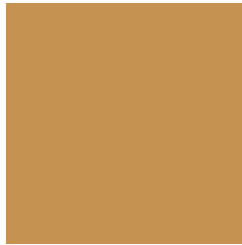
9.0214, 7.4366, 35.7043



0.4992, 0.4962, 1.7146

Previews

White Background



This preview shows how the XYZ color 35.0906, 33.1727, 12.5361 looks on a white background.

Color Contrast Check

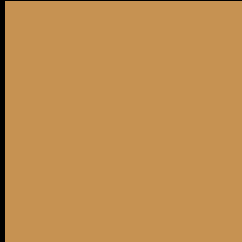
Large Text (above 18pt) WCAG AA × Fail

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 35.0906, 33.1727, 12.5361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

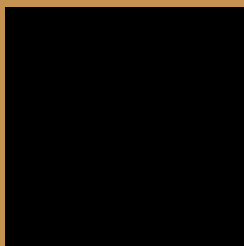
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.0906, 33.1727, 12.5361

Background



This preview shows how black text looks on a background with the XYZ color 35.0906, 33.1727, 12.5361.



This preview shows how white text looks on a background with the XYZ color 35.0906, 33.1727,

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

35.0906, 33.1727, 12.5361

Protanopia

30.5814, 33.2195, 13.6043

Deuteranopia

33.9709, 33.2954, 12.4208



Tritanopia

39.1419, 33.0434, 32.7488

Trichromacy



Original Color

35.0906, 33.1727, 12.5361

Protanomaly

31.9240, 32.9361, 13.2691

Deuteranomaly

34.3232, 33.2432, 12.3921

Tritanomaly

37.3139, 32.9479, 23.7950

Monochromacy



Original Color

35.0906, 33.1727, 12.5361

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.5405, 32.2378, 24.9822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0906, 33.1727, 12.5361 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(198, 146, 82)` looks like.

```
.text, #text, p{  
    color:rgb(198, 146, 82)  
}
```

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(198, 146, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 146, 82) }
```

Border

The CSS property to change the border of an element to XYZ 35.0906, 33.1727, 12.5361 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(198, 146, 82) }
```


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

```
.border{ border-color:rgb(198, 146, 82) }
```

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

Here you see how a box with a 4 pixel rgb(198, 146, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 146, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 146, 82);  
box-shadow:4px 4px 4px 4px rgb(198, 146,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0906, 33.1727, 12.5361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 146, 82) }
```

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

```
.background{ background-color: rgb(198,  
146, 82) }
```

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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