

Converting Colors

XYZ(34.7665, 30.4234, 11.0611)

Have a look what the booklet for
XYZ(34.7665, 30.4234, 11.0611)
contains.

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Color

**XYZ(34.7665, 30.4234,
11.0611)**

Conversions

Conversions Part 1

Format	Color
Hex	CC864D
RGB	204, 134, 77
RGB Percent	80%, 53%, 30%
CMY	0.2000, 0.4745, 0.6980
CMYK	0.00, 0.34, 0.62, 0.20
HSL	27°, 55%, 55%
HSV	27°, 62%, 80%
XYZ	34.7665, 30.4234, 11.0611
YIQ	148.4320, 60.0170, -2.8870

Conversions

Conversions Part 2

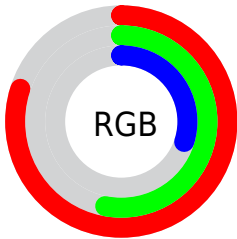
Format	Color
R_{YB}	204, 180, 77
Decimal	13403725
CIE _{Lab}	62.02, 21.30, 41.19
CIE _{LCh}	62, 46.374, 62.658
Yxy	30.4234, 0.4559, 0.3990
Android (android.graphics.Color)	4291593805 (0xFFCC864D)
YUV	148.4320, -35.2160, 48.7331
Hunter-Lab	55.1574, 15.9856, 26.7204

Details

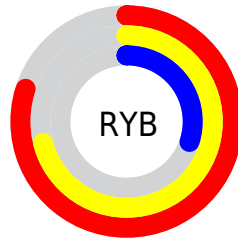
The XYZ color **34.7665, 30.4234, 11.0611** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **24.3928, 26.8035, 61.0144**, and the grayscale version is **28.4547, 29.9366, 32.6009**.

A 20% lighter version of the original color is **62.9066, 58.3592, 28.3710**, and **15.2462, 12.5403, 2.7794** is the 20% darker color. If you saturate the color by 10%, you get **32.6839, 27.2358, 7.3534**, and if you desaturate by 10%, it is **37.2417, 34.0349, 16.0143**.

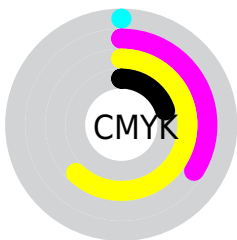
Distribution



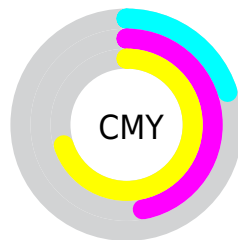
- Red (80%)
- Green (53%)
- Blue (30%)



- Red (80%)
- Yellow (71%)
- Blue (30%)



- Cyan (0%)
- Magenta (34%)
- Yellow (62%)
- Black (20%)





- Cyan (20%)
- Magenta (47%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7665, 30.4234, 11.0611 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 34.7665, 30.4234, 11.0611 by changing the saturation by 10% instead.


 34.7665, 30.4234,
11.0611


 34.7665, 30.4234,
11.0611


315.0626,
303.8731, 208.8387


 23.6487, 20.1602,
5.9933


 66.4603, 60.3311,
28.4115


 15.1966, 12.5115,
2.7723


 87.7670, 80.7444,
41.5311


 9.0447, 7.0931,
0.9796


 113.2008,
105.3098, 58.1717

 4.8277, 3.5204,
0.0000

 143.1269,
134.4118, 78.7518

 2.1802, 1.4091,
0.0000

 177.9108,
168.4347, 103.6901

 0.7323, 0.2234,
0.0000

217.9179,

 0.0000, 0.0000,

207.7630, 133.4050

0.0000

263.5133,
252.7810, 168.3150

■ 34.7665, 30.4234,
11.0611

■ 34.7665, 30.4234,
11.0611

■ 32.6839, 27.2358,
7.3534

■ 37.2417, 34.0349,
16.0143

■ 30.9645, 24.4484,
4.7723

■ 40.1312, 38.0831,
22.3134

■ 29.5774, 22.0415,
3.1780

■ 43.4576, 42.5858,
30.0508

■ 28.6914, 20.4168,
2.4286

■ 47.2410, 47.5584,
39.3097

■ 51.5001, 53.0152,
50.1672

■ 56.2525, 58.9701,
62.6951

■ 61.5147, 65.4361,
76.9606

■ 67.3025, 72.4260,
93.0274

■ 72.7159, 79.5858,
106.1368

Harmonies

Analogous

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



40.2028, 30.4234, 17.8641



34.7665, 30.4234, 11.0611



28.3653, 30.4234, 9.3351

Triad

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



34.7665, 30.4234, 11.0611



18.5370, 30.4234, 34.7402



35.8643, 30.4234, 71.1526

Complementary

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



34.7665, 30.4234, 11.0611



24.3928, 26.8035, 61.0144

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.



29.4748, 30.4234, 80.4892



34.7665, 30.4234, 11.0611



19.9689, 30.4234, 55.2666

Square

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



34.7665, 30.4234, 11.0611



19.5386, 30.4234, 19.7500



23.7626, 30.4234, 73.8304



40.8978, 30.4234, 51.4853

Rectangle

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



34.7665, 30.4234, 11.0611



24.5486, 30.4234, 10.5012



23.7626, 30.4234, 73.8304



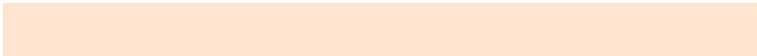
33.7741, 30.4234, 75.8681

Sweetspot

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



34.7672, 30.4249, 11.0617



80.2728, 81.3935, 70.2231



32.9779, 20.3142, 30.6029



16.7613, 16.8784, 13.9731



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.



34.7672, 30.4249, 11.0617



53.0000, 43.3107, 10.3797



45.8761, 52.6426, 14.7646



11.6200, 12.0289, 11.7888



18.1490, 13.0309, 1.5587



1.0117, 0.8230, 0.1055

Inverse Universe

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



24.3928, 26.8035, 61.0144



34.3651, 36.7356, 99.8872



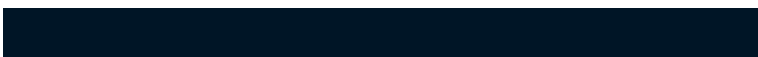
17.2452, 12.5084, 58.6319



11.1057, 11.8519, 14.2727



10.6312, 10.2865, 37.3814



0.6236, 0.6809, 1.9535

Previews

White Background



This preview shows how the XYZ color 34.7665, 30.4234, 11.0611 looks on a white background.

Color Contrast Check

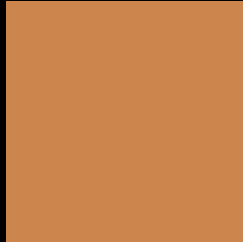
Large Text (above 18pt) WCAG AA × Fail

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 34.7665, 30.4234, 11.0611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

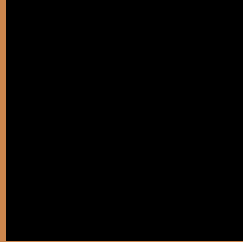
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.7665, 30.4234, 11.0611

Background



This preview shows how black text looks on a background with the XYZ color 34.7665, 30.4234, 11.0611.



This preview shows how white text looks on a background with the XYZ color 34.7665, 30.4234,

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

34.7665, 30.4234, 11.0611

Protanopia

27.9847, 30.4366, 12.5835

Deuteranopia

31.1000, 30.4672, 10.8982



Tritanopia

38.0457, 30.3662, 27.1486

Trichromacy



Original Color

34.7665, 30.4234, 11.0611

Protanomaly

30.0489, 30.1243, 12.0154

Deuteranomaly

32.4208, 30.4844, 11.0128

Tritanomaly

36.8093, 30.4685, 20.1606

Monochromacy



Original Color

34.7665, 30.4234, 11.0611

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.4838, 29.3749, 22.5283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7665, 30.4234, 11.0611 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(204, 134, 77)` looks like.

```
.text, #text, p{  
    color:rgb(204, 134, 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(204, 134, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 134, 77) }
```

Border

The CSS property to change the border of an element to XYZ 34.7665, 30.4234, 11.0611 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(204, 134, 77) }
```


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

```
.border{ border-color:rgb(204, 134, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 134, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 134, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 134, 77);  
box-shadow:4px 4px 4px 4px rgb(204, 134,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7665, 30.4234, 11.0611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 134, 77) }
```

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

```
.background{ background-color: rgb(204,  
134, 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](#).

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