

Converting Colors

XYZ(34.8113, 31.0858, 14.2928)

Have a look what the booklet for
XYZ(34.8113, 31.0858, 14.2928)
contains.

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Color

**XYZ(34.6968, 30.9434,
14.2692)**

Conversions

Conversions Part 1

Format	Color
Hex	C8895C
RGB	200, 137, 92
RGB Percent	78%, 54%, 36%
CMY	0.2157, 0.4627, 0.6392
CMYK	0.00, 0.31, 0.54, 0.22
HSL	25°, 50%, 57%
HSV	25°, 54%, 78%
XYZ	34.6968, 30.9434, 14.2692
YIQ	150.7070, 51.9930, -0.6390

Conversions

Conversions Part 2

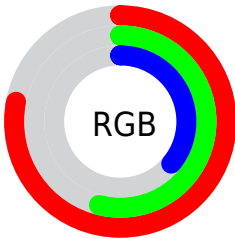
Format	Color
R _Y B	200, 169, 92
Decimal	13142364
CIE Lab	62.46, 19.16, 33.69
CIE LCh	62, 38.753, 60.376
Yxy	30.9434, 0.4342, 0.3872
Android (android.graphics.Color)	4291332444 (0xFFC8895C)
YUV	150.7070, -28.9426, 43.2300
Hunter-Lab	55.6268, 13.9912, 23.7299

Details

The XYZ color **34.6968, 30.9434, 14.2692** 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 **26.5596, 29.8866, 59.0120**, and the grayscale version is **29.3951, 30.9259, 33.6783**.

A 20% lighter version of the original color is **64.8287, 60.5048, 34.2483**, and **15.2095, 12.8455, 4.1604** is the 20% darker color. If you saturate the color by 10%, you get **32.3657, 27.5006, 9.7335**, and if you desaturate by 10%, it is **37.4395, 34.8402, 20.0812**.

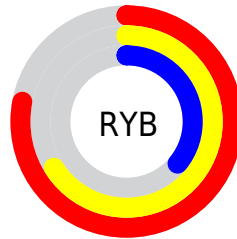
Distribution



Red (78%)

Green (54%)

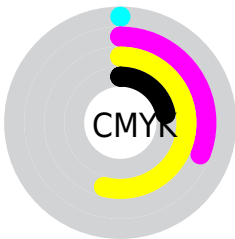
Blue (36%)



Red (78%)

Yellow (66%)

Blue (36%)

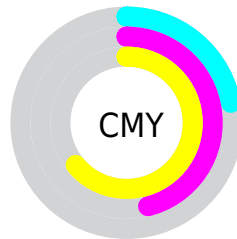


Cyan (0%)

Magenta (31%)

Yellow (54%)

Black (22%)



Cyan (22%)


Magenta (46%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.6968, 30.9434, 14.2692 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 34.6968, 30.9434, 14.2692 by changing the saturation by 10% instead.


 34.6968, 30.9434,
14.2692


 34.6968, 30.9434,
14.2692


314.7595,
306.2775, 230.3855


 23.5948, 20.5558,
8.1673


 66.3529, 61.1509,
34.2899

 15.1564, 12.7997,
4.1129


 87.6378, 81.7396,
49.0457

 9.0163, 7.2907,
1.6875


 113.0476,
106.4975, 67.5233

 4.8090, 3.6446,
0.3521

 142.9479,
135.8088, 90.1411

 2.1692, 1.4768,
0.0000

177.7038,
170.0581, 117.3176

 0.7264, 0.2723,
0.0000

217.6808,

 0.0000, 0.0000,

209.6297, 149.4716

0.0000

263.2443,
254.9080, 187.0213

■ 34.6968, 30.9434,
14.2692

■ 34.6968, 30.9434,
14.2692

■ 32.3657, 27.5006,
9.7335

■ 37.4395, 34.8402,
20.0812

■ 30.4198, 24.4885,
6.3725

■ 40.6135, 39.2039,
27.2569

■ 28.8322, 21.8880,
4.0718

■ 44.2399, 44.0524,
35.8776

■ 27.5708, 19.6761,
2.6926

■ 48.3375, 49.4013,
46.0182

■ 26.9388, 18.5183,
2.1546

■ 52.9239, 55.2652,
57.7478

■ 58.0159, 61.6584,
71.1317

■ 63.6293, 68.5943,
86.2312

■ 69.7792, 76.0858,
103.1047

■ 73.6205, 83.0018,
106.7485

Harmonies

Analogous

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



39.0240, 30.9434, 21.0686



34.6968, 30.9434, 14.2692



29.3444, 30.9434, 12.2397

Triad

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



34.6968, 30.9434, 14.2692



20.4148, 30.9434, 33.8826



34.8254, 30.9434, 65.3552

Complementary

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



34.6968, 30.9434, 14.2692



26.5596, 29.8866, 59.0120

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.



29.4772, 30.9434, 71.7337



34.6968, 30.9434, 14.2692



21.5221, 30.9434, 50.5578

Square

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



34.6968, 30.9434, 14.2692



21.4683, 30.9434, 21.3104



24.6909, 30.9434, 65.6515



39.1042, 30.9434, 50.1273

Rectangle

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



34.6968, 30.9434, 14.2692



26.0291, 30.9434, 13.1852



24.6909, 30.9434, 65.6515



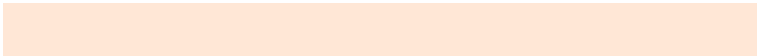
33.0734, 30.9434, 68.7777

Sweetspot

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



34.6975, 30.9449, 14.2698



82.0356, 83.3902, 75.5245



33.5630, 22.3004, 33.5459



17.2355, 17.4283, 15.3600



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.



34.6975, 30.9449, 14.2698



55.3352, 46.5486, 15.5746



44.3818, 50.3134, 17.4979



10.9909, 11.3510, 11.1744



17.2128, 11.9428, 1.3980



0.8862, 0.7079, 0.0899

Inverse Universe

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



26.5596, 29.8866, 59.0120



39.7380, 44.4445, 101.0920



19.4929, 15.7531, 56.6565



10.5620, 11.2980, 13.5416



10.7384, 10.8707, 36.2766



0.5788, 0.6554, 1.7411

Previews

White Background



This preview shows how the XYZ color 34.6968, 30.9434, 14.2692 looks on a white background.

Color Contrast Check

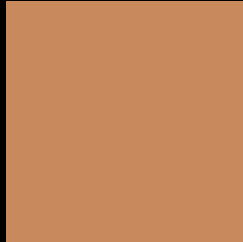
Large Text (above 18pt) WCAG AA × Fail

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 34.6968, 30.9434, 14.2692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

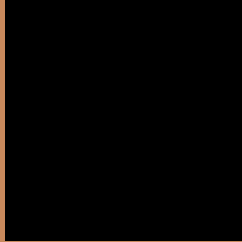
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.6968, 30.9434, 14.2692

Background



This preview shows how black text looks on a background with the XYZ color 34.6968, 30.9434, 14.2692.



This preview shows how white text looks on a background with the XYZ color 34.6968, 30.9434,

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

34.6968, 30.9434, 14.2692

Protanopia

28.7883, 31.0144, 16.0243

Deuteranopia

31.7380, 31.1793, 14.0183



Tritanopia

37.8259, 30.9931, 29.1879

Trichromacy



Original Color

34.6968, 30.9434, 14.2692

Protanomaly

30.7503, 30.8673, 15.4036

Deuteranomaly

32.7965, 31.0485, 14.1619

Tritanomaly

36.5913, 30.9016, 22.7749

Monochromacy



Original Color

34.6968, 30.9434, 14.2692

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.6703, 30.6045, 25.4098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6968, 30.9434, 14.2692 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, 137, 92)` looks like.

```
.text, #text, p{  
    color:rgb(200, 137, 92)  
}
```

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, 137, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 137, 92) }
```

Border

The CSS property to change the border of an element to XYZ 34.6968, 30.9434, 14.2692 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, 137, 92) }
```


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

```
.border{ border-color:rgb(200, 137, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 137, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 137, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 137, 92);  
box-shadow:4px 4px 4px 4px rgb(200, 137,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6968, 30.9434, 14.2692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 137, 92) }
```

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

```
.background{ background-color: rgb(200,  
137, 92) }
```

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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