

Converting Colors

XYZ(34.7107, 32.8729, 14.2598)

Have a look what the booklet for
XYZ(34.7107, 32.8729, 14.2598)
contains.

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Color

**XYZ(34.6300, 32.8981,
14.1976)**

Conversions

Conversions Part 1

Format	Color
Hex	C3925A
RGB	195, 146, 90
RGB Percent	76%, 57%, 35%
CMY	0.2353, 0.4274, 0.6471
CMYK	0.00, 0.25, 0.54, 0.24
HSL	32°, 47%, 56%
HSV	32°, 54%, 76%
XYZ	34.6300, 32.8981, 14.1976
YIQ	154.2670, 47.1800, -7.0280

Conversions

Conversions Part 2

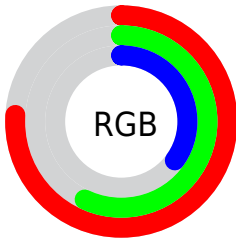
Format	Color
RYB	182, 195, 90
Decimal	12816986
CIELab	64.08, 11.95, 36.65
CIELCh	64, 38.547, 71.940
Yxy	32.8981, 0.4237, 0.4025
Android (android.graphics.Color)	4291007066 (0xFFC3925A)
YUV	154.2670, -31.6836, 35.7228
Hunter-Lab	57.3569, 7.3973, 25.4737

Details

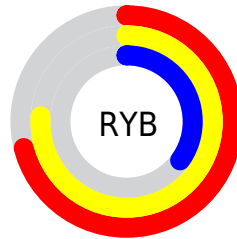
The XYZ color **34.6300, 32.8981, 14.1976** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **23.2988, 24.5778, 55.1454**, and the grayscale version is **30.9536, 32.5656, 35.4640**.

A 20% lighter version of the original color is **66.3350, 64.3025, 34.1147**, and **15.0820, 13.9362, 4.0855** is the 20% darker color. If you saturate the color by 10%, you get **32.5593, 29.9153, 9.9359**, and if you desaturate by 10%, it is **37.0317, 36.1945, 19.6444**.

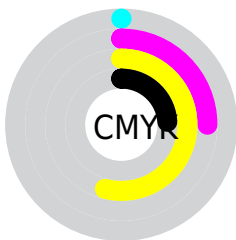
Distribution



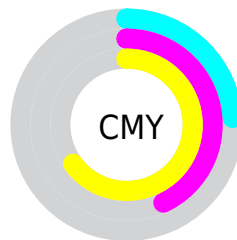
- Red (76%)
- Green (57%)
- Blue (35%)



- Red (71%)
- Yellow (76%)
- Blue (35%)



- Cyan (0%)
- Magenta (25%)
- Yellow (54%)
- Black (24%)





- Cyan (24%)
- Magenta (43%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.6300, 32.8981, 14.1976 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 34.6300, 32.8981, 14.1976 by changing the saturation by 10% instead.


 34.6300, 32.8981,
14.1976


 34.6300, 32.8981,
14.1976


314.4689,
315.1903, 229.9277


 23.5432, 22.0484,
8.1179


 66.2500, 64.2164,
34.1614

 15.1180, 13.8925,
4.0816


 87.5139, 85.4538,
48.8826

 8.9891, 8.0459,
1.6702


 112.9008,
110.9225, 67.3213

 4.7911, 4.1243,
0.3402

 142.7762,
141.0070, 89.8962

 2.1587, 1.7434,
0.0000

177.5053,
176.0916, 117.0257

 0.7208, 0.4515,
0.0000

217.4535,

 0.0000, 0.0000,

216.5608, 149.1285

0.0000

262.9863,
262.7989, 186.6229

■ 34.6300, 32.8981,
14.1976

■ 34.6300, 32.8981,
14.1976

■ 32.5593, 29.9153,
9.9359

■ 37.0317, 36.1945,
19.6444

■ 30.7972, 27.2292,
6.7647

■ 39.7800, 39.8109,
26.3570

■ 29.3217, 24.8280,
4.5781

■ 42.8923, 43.7594,
34.4112

■ 28.1058, 22.6963,
3.2474

■ 46.3839, 48.0499,
43.8763

■ 27.4568, 21.5045,
2.7037

■ 50.2691, 52.6917,
54.8166

■ 54.5616, 57.6940,
67.2926

■ 59.2742, 63.0651,
81.3613

■ 64.4190, 68.8135,
97.0768

■ 68.2706, 74.2521,
105.3416

Harmonies

Analogous

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



39.7264, 32.8981, 19.2771



34.6300, 32.8981, 14.1976



29.1509, 32.8981, 13.7550

Triad

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



34.6300, 32.8981, 14.1976



22.0984, 32.8981, 42.3933



38.8060, 32.8981, 63.0930

Complementary

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



34.6300, 32.8981, 14.1976



23.2988, 24.5778, 55.1454

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.



33.4866, 32.8981, 73.9217



34.6300, 32.8981, 14.1976



24.1056, 32.8981, 59.8474

Square

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



34.6300, 32.8981, 14.1976



22.3288, 32.8981, 27.3013



28.1322, 32.8981, 72.5862



42.3235, 32.8981, 45.9496

Rectangle

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



34.6300, 32.8981, 14.1976



26.0475, 32.8981, 15.9161



28.1322, 32.8981, 72.5862



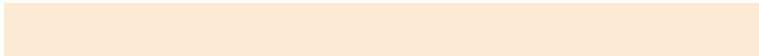
37.1447, 32.8981, 67.7889

Sweetspot

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



34.6308, 32.8997, 14.1982



81.5088, 84.1554, 74.2734



30.8221, 20.7787, 26.8125



17.5571, 18.0714, 15.4672



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.



34.6308, 32.8997, 14.1982



57.5864, 52.4943, 16.4076



42.9722, 50.9094, 17.2348



10.5080, 10.9475, 10.6211



17.9304, 14.1466, 1.7855



0.8432, 0.7482, 0.1000

Inverse Universe

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



23.2988, 24.5778, 55.1454



35.1423, 36.0327, 97.5726



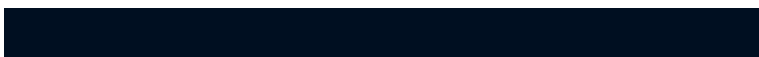
18.0717, 13.6061, 53.3032



9.9071, 10.5054, 12.7904



8.9157, 7.5879, 34.5513



0.4541, 0.4657, 1.5158

Previews

White Background



This preview shows how the XYZ color 34.6300, 32.8981, 14.1976 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 34.6300, 32.8981, 14.1976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

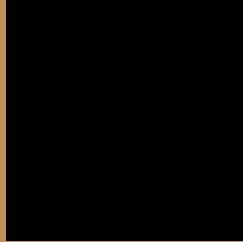
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.6300, 32.8981, 14.1976

Background



This preview shows how black text looks on a background with the XYZ color 34.6300, 32.8981, 14.1976.



This preview shows how white text looks on a background with the XYZ color 34.6300, 32.8981,

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

34.6300, 32.8981, 14.1976

Protanopia

30.4864, 33.1311, 15.3778

Deuteranopia

33.3793, 32.7199, 14.0075



Tritanopia

38.4769, 32.9145, 32.7590

Trichromacy



Original Color

34.6300, 32.8981, 14.1976

Protanomaly

31.7944, 32.8305, 15.0171

Deuteranomaly

33.7227, 32.6651, 13.9788

Tritanomaly

36.8580, 32.9103, 24.8318

Monochromacy



Original Color

34.6300, 32.8981, 14.1976

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.5255, 32.2069, 26.0277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6300, 32.8981, 14.1976 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(195, 146, 90)` looks like.

```
.text, #text, p{  
    color:rgb(195, 146, 90)  
}
```

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(195, 146, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 146, 90) }
```

Border

The CSS property to change the border of an element to XYZ 34.6300, 32.8981, 14.1976 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(195, 146, 90) }
```


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

```
.border{ border-color:rgb(195, 146, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 146, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 146, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 146, 90);  
box-shadow:4px 4px 4px 4px rgb(195, 146,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6300, 32.8981, 14.1976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 146, 90) }
```

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

```
.background{ background-color: rgb(195,  
146, 90) }
```

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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