

Converting Colors

XYZ(34.5605, 32.5630, 14.2404)

Have a look what the booklet for
XYZ(34.5605, 32.5630, 14.2404)
contains.

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Color

**XYZ(34.4765, 32.5911,
14.1465)**

Conversions

Conversions Part 1

Format	Color
Hex	C3915A
RGB	195, 145, 90
RGB Percent	76%, 57%, 35%
CMY	0.2353, 0.4314, 0.6471
CMYK	0.00, 0.26, 0.54, 0.24
HSL	31°, 47%, 56%
HSV	31°, 54%, 76%
XYZ	34.4765, 32.5911, 14.1465
YIQ	153.6800, 47.4550, -6.5050

Conversions

Conversions Part 2

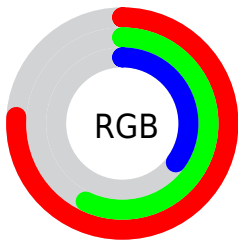
Format	Color
RYB	185, 195, 90
Decimal	12816730
CIELab	63.83, 12.50, 36.34
CIELCh	64, 38.428, 71.020
Yxy	32.5911, 0.4245, 0.4013
Android (android.graphics.Color)	4291006810 (0xFFC3915A)
YUV	153.6800, -31.3942, 36.2376
Hunter-Lab	57.0886, 7.8932, 25.2700

Details

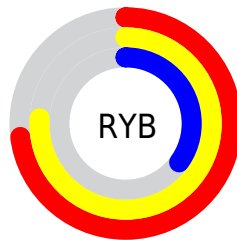
The XYZ color **34.4765, 32.5911, 14.1465** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **23.4444, 24.8688, 55.1939**, and the grayscale version is **30.6942, 32.2927, 35.1668**.

A 20% lighter version of the original color is **66.1042, 63.8408, 34.0377**, and **14.9914, 13.7549, 4.0553** is the 20% darker color. If you saturate the color by 10%, you get **32.3918, 29.5803, 9.8801**, and if you desaturate by 10%, it is **36.8965, 35.9241, 19.5994**.

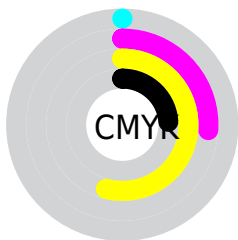
Distribution



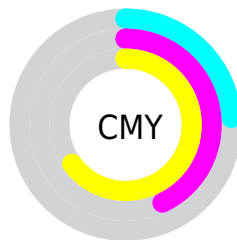
- Red (76%)
- Green (57%)
- Blue (35%)



- Red (73%)
- Yellow (76%)
- Blue (35%)



- Cyan (0%)
- Magenta (26%)
- Yellow (54%)
- Black (24%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.4765, 32.5911, 14.1465 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 34.4765, 32.5911, 14.1465 by changing the saturation by 10% instead.


 34.4765, 32.5911,
14.1465


 34.4765, 32.5911,
14.1465


313.8002,
313.8032, 229.6004


 23.4245, 21.8134,
8.0827


 66.0134, 63.7366,
34.0696


 15.0297, 13.7198,
4.0594


 87.2290, 84.8732,
48.7660

 8.9267, 7.9261,
1.6580


 112.5631,
110.2315, 67.1770

 4.7501, 4.0477,
0.3317

 142.3813,
140.1960, 89.7212

 2.1346, 1.7003,
0.0000

177.0487,
175.1510, 116.8171

 0.7079, 0.4238,
0.0000

216.9307,

 0.0000, 0.0000,

215.4809, 148.8832

0.0000

262.3928,
261.5702, 186.3381

■ 34.4765, 32.5911,
14.1465

■ 34.4765, 32.5911,
14.1465

■ 32.3918, 29.5803,
9.8801

■ 36.8965, 35.9241,
19.5994

■ 30.6198, 26.8745,
6.7056

■ 39.6676, 39.5861,
26.3196

■ 29.1384, 24.4614,
4.5170

■ 42.8073, 43.5894,
34.3830

■ 27.9204, 22.3255,
3.1856

■ 46.3311, 47.9444,
43.8588

■ 27.2718, 21.1346,
2.6420

■ 50.2535, 52.6605,
54.8116

■ 54.5882, 57.7472,
67.3016

■ 59.3482, 63.2132,
81.3862

■ 64.5459, 69.0671,
97.1192

■ 68.4556, 74.6221,
105.4033

Harmonies

Analogous

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



39.4857, 32.5911, 19.3344



34.4765, 32.5911, 14.1465



29.0350, 32.5911, 13.5759

Triad

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



34.4765, 32.5911, 14.1465



21.8655, 32.5911, 41.4765



38.3001, 32.5911, 62.9680

Complementary

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



34.4765, 32.5911, 14.1465



23.4444, 24.8688, 55.1939

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.



33.0034, 32.5911, 73.3879



34.4765, 32.5911, 14.1465



23.7876, 32.5911, 58.7877

Square

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



34.4765, 32.5911, 14.1465



22.1625, 32.5911, 26.6702



27.7224, 32.5911, 71.6681



41.8642, 32.5911, 46.0579

Rectangle

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



34.4765, 32.5911, 14.1465



25.9303, 32.5911, 15.6222



27.7224, 32.5911, 71.6681



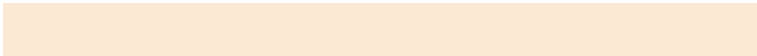
36.6391, 32.5911, 67.5401

Sweetspot

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



34.4773, 32.5927, 14.1471



81.3996, 83.9371, 74.2370



30.9510, 20.8303, 27.4915



17.5305, 18.0181, 15.4583



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.



34.4773, 32.5927, 14.1471



57.2820, 51.8853, 16.3061



43.4165, 51.1384, 17.2557



10.5000, 10.9314, 10.6184



17.8101, 13.9059, 1.7454



0.8382, 0.7382, 0.0983

Inverse Universe

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



23.4444, 24.8688, 55.1939



35.4259, 36.5997, 97.6671



17.8955, 13.5153, 53.2949



9.9150, 10.5214, 12.7931



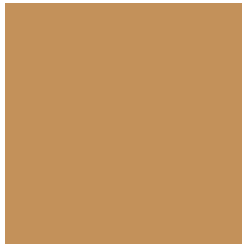
9.0207, 7.7979, 34.5863



0.4587, 0.4749, 1.5174

Previews

White Background



This preview shows how the XYZ color 34.4765, 32.5911, 14.1465 looks on a white background.

Color Contrast Check

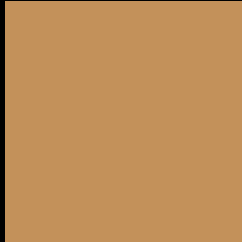
Large Text (above 18pt) WCAG AA × Fail

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 34.4765, 32.5911, 14.1465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

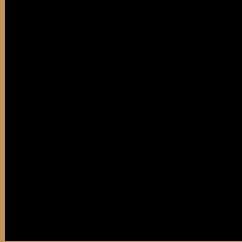
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.4765, 32.5911, 14.1465

Background



This preview shows how black text looks on a background with the XYZ color 34.4765, 32.5911, 14.1465.



This preview shows how white text looks on a background with the XYZ color 34.4765, 32.5911,

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

34.4765, 32.5911, 14.1465

Protanopia

30.1039, 32.6859, 15.3120

Deuteranopia

33.3793, 32.7199, 14.0075



Tritanopia

38.2532, 32.5944, 32.2922

Trichromacy



Original Color

34.4765, 32.5911, 14.1465

Protanomaly

31.4025, 32.3885, 14.9524

Deuteranomaly

33.7227, 32.6651, 13.9788

Tritanomaly

36.6443, 32.5878, 24.4374

Monochromacy



Original Color

34.4765, 32.5911, 14.1465

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 34.4765, 32.5911, 14.1465 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, 145, 90)` looks like.

```
.text, #text, p{  
    color:rgb(195, 145, 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, 145, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 145, 90) }
```

Border

The CSS property to change the border of an element to XYZ 34.4765, 32.5911, 14.1465 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, 145, 90) }
```


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

```
.border{ border-color:rgb(195, 145, 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, 145, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 145, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 145, 90);  
box-shadow:4px 4px 4px 4px rgb(195, 145,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4765, 32.5911, 14.1465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 145, 90) }
```

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

```
.background{ background-color: rgb(195,  
145, 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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