

Converting Colors

XYZ(33.6210, 34.0472, 4.8797)

Have a look what the booklet for
XYZ(33.6210, 34.0472, 4.8797)
contains.

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Color

**XYZ(33.4928, 33.9324,
4.8705)**

Conversions

Conversions Part 1

Format	Color
Hex	C29803
RGB	194, 152, 3
RGB Percent	76%, 60%, 1%
CMY	0.2392, 0.4039, 0.9882
CMYK	0.00, 0.22, 0.98, 0.24
HSL	47°, 97%, 39%
HSV	47°, 98%, 76%
XYZ	33.4928, 33.9324, 4.8705
YIQ	147.5720, 72.8610, -37.4350

Conversions

Conversions Part 2

Format	Color
RYB	57, 194, 3
Decimal	12752899
CIELab	64.91, 4.42, 68.50
CIELCh	65, 68.644, 86.311
Yxy	33.9324, 0.4633, 0.4694
Android (android.graphics.Color)	4290942979 (0xFFC29803)
YUV	147.5720, -71.2740, 40.7174
Hunter-Lab	58.2515, 0.6917, 35.8187

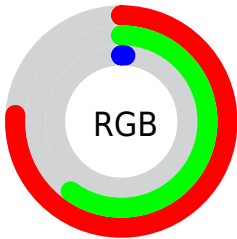
Details

The XYZ color **33.4928, 33.9324, 4.8705** is a dark color, and the websafe version is hex **CC9900**.

The color can be described as dark washed orange. A complement of this color would be **10.7139, 5.7917, 51.5917**, and the grayscale version is **28.2374, 29.7080, 32.3520**.

A 20% lighter version of the original color is **64.5813, 65.9106, 15.9748**, and **14.7430, 14.6536, 2.0514** is the 20% darker color. If you saturate the color by 10%, you get **33.3698, 33.7130, 4.7485**, and if you desaturate by 10%, it is **34.3308, 35.3968, 5.8029**.

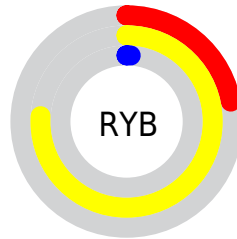
Distribution



Red (76%)

Green (60%)

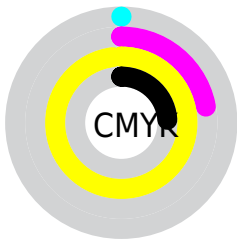
Blue (1%)



Red (22%)

Yellow (76%)

Blue (1%)

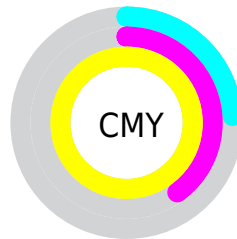


Cyan (0%)

Magenta (22%)

Yellow (98%)

Black (24%)



Cyan (24%)


Magenta (40%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.4928, 33.9324, 4.8705 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 33.4928, 33.9324, 4.8705 by changing the saturation by 10% instead.


 33.4928, 33.9324,
4.8705


 33.4928, 33.9324,
4.8705

309.4904,
319.8305, 157.4586


 22.6653, 22.8417,
2.1141


 64.4937, 65.8285,
15.9723

 14.4659, 14.4766,
0.6241


 85.3978, 87.4027,
25.1547


 8.5293, 8.4529,
0.0000


 110.3914,
113.2402, 37.3162

 4.4901, 4.3861,
0.0000

 139.8399,
143.7253, 52.8753

 1.9829, 1.8918,
0.0000

 174.1088,
179.2425, 72.2505

 0.6244, 0.5434,
0.0000

 213.5632,

 0.0000, 0.0000,

220.1762, 95.8605

0.0000

258.5686,
266.9107, 124.1237

33.4928, 33.9324,
4.8705

33.4928, 33.9324,
4.8705

33.3698, 33.7130,
4.7485

34.3308, 35.3968,
5.8029

35.3266, 36.9632,
7.4457

36.5155, 38.6475,
9.9801

37.9193, 40.4587,
13.5194

39.5564, 42.4048,
18.1599

■ 41.4433, 44.4926,
23.9866

■ 43.5947, 46.7284,
31.0762

■ 46.0242, 49.1180,
39.4987

■ 48.7443, 51.6668,
49.3193

Harmonies

Analogous

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



44.0109, 33.9324, 7.6097



33.4928, 33.9324, 4.8705



24.5255, 33.9324, 6.4502

Triad

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



33.4928, 33.9324, 4.8705



18.0151, 33.9324, 66.7778



50.8347, 33.9324, 76.2099

Complementary

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



33.4928, 33.9324, 4.8705



10.7139, 5.7917, 51.5917

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.



41.4508, 33.9324, 110.5757



33.4928, 33.9324, 4.8705



22.7993, 33.9324, 103.4458

Square

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



33.4928, 33.9324, 4.8705



16.7353, 33.9324, 33.5469



31.0417, 33.9324, 122.4786



55.2343, 33.9324, 40.5686

Rectangle

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



33.4928, 33.9324, 4.8705



20.3478, 33.9324, 10.6266



31.0417, 33.9324, 122.4786



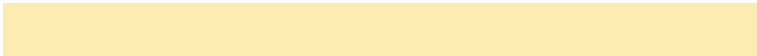
48.0757, 33.9324, 88.8783

Sweetspot

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



33.4936, 33.9341, 4.8712



78.1527, 83.8169, 53.5054



22.8054, 11.7446, 3.8157



16.7437, 17.9714, 10.4894



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.



33.4936, 33.9341, 4.8712



60.2611, 60.6856, 8.5374



30.6479, 44.4357, 7.0482



10.7195, 11.3704, 10.6916



22.0025, 22.2908, 3.1429



0.9983, 1.0585, 0.1517

Inverse Universe

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



10.7139, 5.7917, 51.5917



19.0326, 9.8378, 93.3655



11.2885, 4.7431, 51.3590



9.7039, 10.0991, 12.7227



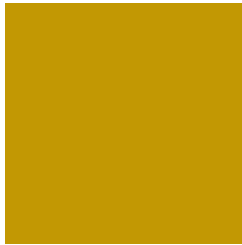
7.0128, 3.7821, 33.9170



0.3557, 0.2689, 1.4830

Previews

White Background



This preview shows how the XYZ color 33.4928, 33.9324, 4.8705 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 33.4928, 33.9324, 4.8705 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 33.4928, 33.9324, 4.8705

Background



This preview shows how black text looks on a background with the XYZ color 33.4928, 33.9324, 4.8705.



This preview shows how white text looks on a background with the XYZ color 33.4928, 33.9324,

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

33.4928, 33.9324, 4.8705

Protanopia

30.6417, 33.9406, 5.2234

Deuteranopia

34.7862, 34.1162, 5.0683



Tritanopia

39.5495, 33.8733, 34.1595

Trichromacy



Original Color

33.4928, 33.9324, 4.8705

Protanomaly

31.6940, 33.9826, 5.0899

Deuteranomaly

34.3991, 34.1565, 5.0096

Tritanomaly

35.8832, 33.2748, 16.0867

Monochromacy



Original Color

33.4928, 33.9324, 4.8705

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.3301, 30.3204, 15.1858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.4928, 33.9324, 4.8705 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(194, 152, 3)` looks like.

```
.text, #text, p{  
    color:rgb(194, 152, 3)  
}
```

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(194, 152, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 152, 3) }
```

Border

The CSS property to change the border of an element to XYZ 33.4928, 33.9324, 4.8705 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(194, 152, 3) }
```


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

```
.border{ border-color:rgb(194, 152, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 152, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 152, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 152, 3);  
box-shadow:4px 4px 4px 4px rgb(194, 152,  
3) }
```

Background

The CSS property to change the background color of an element to XYZ 33.4928, 33.9324, 4.8705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 152, 3) }
```

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

```
.background{ background-color: rgb(194,  
152, 3) }
```

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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