

Converting Colors

XYZ(33.7843, 34.2610, 4.8599)

Have a look what the booklet for
XYZ(33.7843, 34.2610, 4.8599)
contains.

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Color

**XYZ(33.9024, 34.3868,
4.8792)**

Conversions

Conversions Part 1

Format	Color
Hex	C39901
RGB	195, 153, 1
RGB Percent	76%, 60%, 0%
CMY	0.2353, 0.4000, 0.9960
CMYK	0.00, 0.22, 0.99, 0.24
HSL	47°, 99%, 38%
HSV	47°, 99%, 76%
XYZ	33.9024, 34.3868, 4.8792
YIQ	148.2300, 73.8240, -38.3680

Conversions

Conversions Part 2

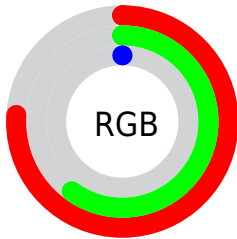
Format	Color
RYB	55, 195, 1
Decimal	12818689
CIELab	65.27, 4.30, 69.08
CIELCh	65, 69.213, 86.437
Yxy	34.3868, 0.4633, 0.4700
Android (android.graphics.Color)	4291008769 (0xFFC39901)
YUV	148.2300, -72.5844, 41.0173
Hunter-Lab	58.6403, 0.5779, 36.1149

Details

The XYZ color **33.9024, 34.3868, 4.8792** 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 **10.7271, 5.6749, 52.1593**, and the grayscale version is **28.5182, 30.0033, 32.6736**.

A 20% lighter version of the original color is **64.8228, 66.3936, 16.0553**, and **14.9047, 14.7370, 2.0590** is the 20% darker color. If you saturate the color by 10%, you get **33.8617, 34.3145, 4.8387**, and if you desaturate by 10%, it is **34.7318, 35.8451, 5.7743**.

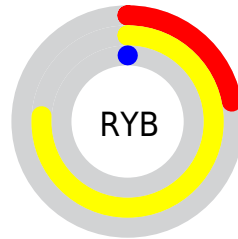
Distribution



Red (76%)

Green (60%)

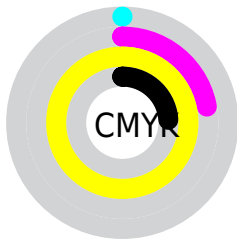
Blue (0%)



Red (22%)

Yellow (76%)

Blue (0%)

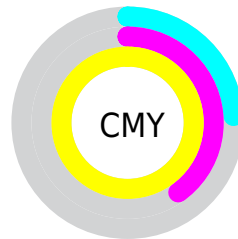


Cyan (0%)

Magenta (22%)

Yellow (99%)

Black (24%)



Cyan (24%)


Magenta (40%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.9024, 34.3868, 4.8792 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 33.9024, 34.3868, 4.8792 by changing the saturation by 10% instead.


 33.9024, 34.3868,
4.8792


 33.9024, 34.3868,
4.8792


311.2902,
321.8534, 157.5469


 22.9812, 23.1909,
2.1191


 65.1272, 66.5347,
15.9915


 14.7002, 14.7345,
0.6271


 86.1614, 88.2555,
25.1807


 8.6942, 8.6333,
0.0000


 111.2974,
114.2535, 37.3500

 4.5978, 4.5028,
0.0000

 140.9004,
144.9129, 52.9179

 2.0456, 1.9586,
0.0000

 175.3358,
180.6182, 72.3030

 0.6594, 0.5832,
0.0000

 214.9690,

 0.0000, 0.0000,

221.7538, 95.9239

0.0000

260.1654,
268.7040, 124.1990

33.9024, 34.3868,
4.8792

33.9024, 34.3868,
4.8792

33.8617, 34.3145,
4.8387

34.7318, 35.8451,
5.7743

35.7120, 37.4020,
7.3458

36.8845, 39.0755,
9.8062

38.2715, 40.8752,
13.2723

39.8921, 42.8090,
17.8432

■ 41.7631, 44.8840,
23.6060

■ 43.8995, 47.1065,
30.6391

■ 46.3153, 49.4825,
39.0142

■ 49.0231, 52.0174,
48.7975

Harmonies

Analogous

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



44.6069, 34.3868, 7.6268



33.9024, 34.3868, 4.8792



24.7948, 34.3868, 6.4943

Triad

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



33.9024, 34.3868, 4.8792



18.2243, 34.3868, 67.9747



51.6310, 34.3868, 77.2553

Complementary

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



33.9024, 34.3868, 4.8792



10.7271, 5.6749, 52.1593

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.



42.0900, 34.3868, 112.3378



33.9024, 34.3868, 4.8792



23.1003, 34.3868, 105.3167

Square

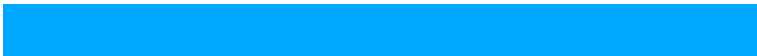
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



33.9024, 34.3868, 4.8792



16.9101, 34.3868, 34.0982



31.4944, 34.3868, 124.6064



56.0835, 34.3868, 40.9963

Rectangle

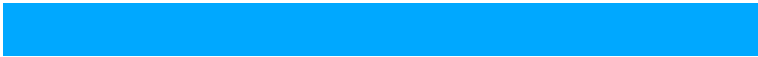
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



33.9024, 34.3868, 4.8792



20.5592, 34.3868, 10.7439



31.4944, 34.3868, 124.6064



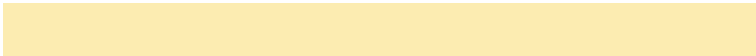
48.8279, 34.3868, 90.1718

Sweetspot

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



33.9032, 34.3885, 4.8799



78.2268, 83.9651, 53.5301



22.9533, 11.7987, 3.3573



16.7620, 18.0080, 10.4955



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.



33.9032, 34.3885, 4.8799



60.4564, 61.0764, 8.6025



30.3419, 44.6107, 7.0407



10.7224, 11.3763, 10.6926



22.0721, 22.4299, 3.1661



1.0008, 1.0634, 0.1525

Inverse Universe

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



10.7271, 5.6749, 52.1593



18.9917, 9.7561, 93.3519



11.4908, 4.8022, 51.9506



9.7012, 10.0936, 12.7218



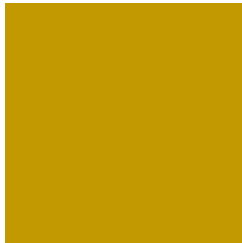
6.9967, 3.7499, 33.9116



0.3545, 0.2664, 1.4826

Previews

White Background



This preview shows how the XYZ color 33.9024, 34.3868, 4.8792 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 33.9024, 34.3868, 4.8792 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 33.9024, 34.3868, 4.8792

Background



This preview shows how black text looks on a background with the XYZ color 33.9024, 34.3868, 4.8792.



This preview shows how white text looks on a background with the XYZ color 33.9024, 34.3868,

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

33.9024, 34.3868, 4.8792

Protanopia

31.0379, 34.3997, 5.2624

Deuteranopia

35.2144, 34.5749, 5.1342



Tritanopia

40.0514, 34.3424, 34.6548

Trichromacy



Original Color

33.9024, 34.3868, 4.8792

Protanomaly

32.0974, 34.4414, 5.1284

Deuteranomaly

34.8198, 34.6139, 5.0470

Tritanomaly

36.3029, 33.7190, 16.1503

Monochromacy



Original Color

33.9024, 34.3868, 4.8792

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.4890, 30.6382, 15.2387

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.9024, 34.3868, 4.8792 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, 153, 1)` looks like.

```
.text, #text, p{  
    color:rgb(195, 153, 1)  
}
```

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, 153, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 153, 1) }
```

Border

The CSS property to change the border of an element to XYZ 33.9024, 34.3868, 4.8792 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, 153, 1) }
```


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

```
.border{ border-color:rgb(195, 153, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 153, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 153, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 153, 1);  
box-shadow:4px 4px 4px 4px rgb(195, 153,  
1) }
```

Background

The CSS property to change the background color of an element to XYZ 33.9024, 34.3868, 4.8792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 153, 1) }
```

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

```
.background{ background-color: rgb(195,  
153, 1) }
```

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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