

Converting Colors

XYZ(34.3869, 33.6715, 5.1388)

Have a look what the booklet for
XYZ(34.3869, 33.6715, 5.1388)
contains.

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Color

**XYZ(34.3869, 33.6715,
5.1388)**

Conversions

Conversions Part 1

Format	Color
Hex	C7950F
RGB	199, 149, 15
RGB Percent	78%, 58%, 6%
CMY	0.2196, 0.4157, 0.9411
CMYK	0.00, 0.25, 0.92, 0.22
HSL	44°, 86%, 42%
HSV	44°, 92%, 78%
XYZ	34.3869, 33.6715, 5.1388
YIQ	148.6740, 72.8140, -31.0740

Conversions

Conversions Part 2

Format	Color
R_{YB}	84, 199, 15
Decimal	13079823
CIE Lab	64.70, 8.43, 66.86
CIE LCh	65, 67.392, 82.816
Yxy	33.6715, 0.4698, 0.4600
Android (android.graphics.Color)	4291269903 (0xFFC7950F)
YUV	148.6740, -65.9013, 44.1359
Hunter-Lab	58.0271, 4.2316, 35.3684

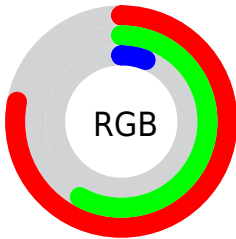
Details

The XYZ color **34.3869, 33.6715, 5.1388** 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 **12.3964, 8.0062, 54.9245**, and the grayscale version is **28.6779, 30.1714, 32.8566**.

A 20% lighter version of the original color is **64.0072, 64.5364, 16.4804**, and **15.2771, 14.4991, 1.9934** is the 20% darker color. If you saturate the color by 10%, you get **33.6673, 32.3705, 4.4737**, and if you desaturate by 10%, it is **35.4789, 35.5105, 6.5674**.

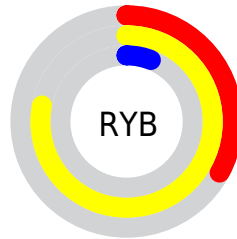
Distribution



Red (78%)

Green (58%)

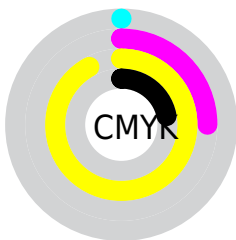
Blue (6%)



Red (33%)

Yellow (78%)

Blue (6%)

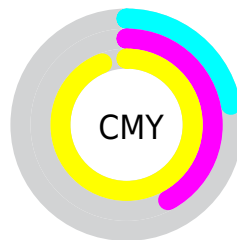


Cyan (0%)

Magenta (25%)

Yellow (92%)

Black (22%)



Cyan (22%)


Magenta (42%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3869, 33.6715, 5.1388 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 34.3869, 33.6715, 5.1388 by changing the saturation by 10% instead.


 34.3869, 33.6715,
5.1388


 34.3869, 33.6715,
5.1388


313.4094,
318.6648, 160.1481


 23.3553, 22.6414,
2.2688


 65.8752, 65.4225,
16.5610


 14.9782, 14.3289,
0.7136


 87.0626, 86.9121,
25.9503


 8.8903, 8.3498,
0.0000

 112.3659,
112.6571, 38.3497

 4.7262, 4.3196,
0.0000

 142.1505,
143.0417, 54.1778

 2.1206, 1.8539,
0.0000

 176.7819,
178.4503, 73.8532

 0.7004, 0.5204,
0.0000

 216.6252,

 0.0000, 0.0000,

219.2675, 97.7943

0.0000

262.0460,
265.8775, 126.4198

34.3869, 33.6715,
5.1388

34.3869, 33.6715,
5.1388

33.6673, 32.3705,
4.4737

35.4789, 35.5105,
6.5674

36.7777, 37.4953,
8.8895

38.3093, 39.6384,
12.2364

40.0948, 41.9491,
16.7174

42.1529, 44.4356,
22.4273

■ 44.5001, 47.1053,
29.4511

■ 47.1514, 49.9651,
37.8662

■ 50.1210, 53.0213,
47.7439

■ 53.4218, 56.2798,
59.1507

Harmonies

Analogous

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



44.6138, 33.6715, 8.4915



34.3869, 33.6715, 5.1388



25.3191, 33.6715, 6.2185

Triad

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



34.3869, 33.6715, 5.1388



17.7376, 33.6715, 61.4424



49.2283, 33.6715, 79.2042

Complementary

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



34.3869, 33.6715, 5.1388



12.3964, 8.0062, 54.9245

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.



39.7721, 33.6715, 110.9521



34.3869, 33.6715, 5.1388



22.0265, 33.6715, 97.5884

Square

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



34.3869, 33.6715, 5.1388



16.8687, 33.6715, 30.3955



29.7333, 33.6715, 118.9841



54.2336, 33.6715, 43.7367

Rectangle

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



34.3869, 33.6715, 5.1388



20.9532, 33.6715, 9.8245



29.7333, 33.6715, 118.9841



46.3836, 33.6715, 91.2686

Sweetspot

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



34.3877, 33.6732, 5.1394



79.7300, 84.4642, 57.2289



24.7413, 12.8909, 6.5164



16.6464, 17.6195, 10.9419



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.



34.3877, 33.6732, 5.1394



58.7381, 56.2561, 7.7627



34.8345, 48.2659, 7.9326



11.2708, 11.9107, 11.2677



21.7248, 20.9668, 2.9020



1.0865, 1.1085, 0.1567

Inverse Universe

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



12.3964, 8.0062, 54.9245



20.1959, 11.5119, 95.7653



12.0484, 5.2741, 54.4155



10.2873, 10.7487, 13.4500



7.5424, 4.4787, 35.2113



0.4192, 0.3361, 1.6879

Previews

White Background



This preview shows how the XYZ color 34.3869, 33.6715, 5.1388 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 34.3869, 33.6715, 5.1388 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 34.3869, 33.6715, 5.1388

Background



This preview shows how black text looks on a background with the XYZ color 34.3869, 33.6715, 5.1388.



This preview shows how white text looks on a background with the XYZ color 34.3869, 33.6715,

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

34.3869, 33.6715, 5.1388

Protanopia

30.4675, 33.8445, 5.4991

Deuteranopia

34.3869, 33.6715, 5.1388



Tritanopia

40.1110, 33.7570, 32.8354

Trichromacy



Original Color

34.3869, 33.6715, 5.1388

Protanomaly

31.8301, 33.7974, 5.3762

Deuteranomaly

34.3869, 33.6715, 5.1388

Tritanomaly

36.7513, 33.2615, 16.5397

Monochromacy



Original Color

34.3869, 33.6715, 5.1388

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.9840, 30.6305, 16.4412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3869, 33.6715, 5.1388 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(199, 149, 15)` looks like.

```
.text, #text, p{  
    color:rgb(199, 149, 15)  
}
```

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(199, 149, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 149, 15) }
```

Border

The CSS property to change the border of an element to XYZ 34.3869, 33.6715, 5.1388 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(199, 149, 15) }
```


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

```
.border{ border-color:rgb(199, 149, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 149, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 149, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 149, 15);  
box-shadow:4px 4px 4px 4px rgb(199, 149,  
15) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3869, 33.6715, 5.1388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 149, 15) }
```

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

```
.background{ background-color: rgb(199,  
149, 15) }
```

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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