

Converting Colors

XYZ(34.4852, 33.4889, 6.5419)

Have a look what the booklet for
XYZ(34.4852, 33.4889, 6.5419)
contains.

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Color

**XYZ(34.5093, 33.4684,
6.5607)**

Conversions

Conversions Part 1

Format	Color
Hex	C79427
RGB	199, 148, 39
RGB Percent	78%, 58%, 15%
CMY	0.2196, 0.4196, 0.8470
CMYK	0.00, 0.26, 0.80, 0.22
HSL	41°, 67%, 47%
HSV	41°, 80%, 78%
XYZ	34.5093, 33.4684, 6.5607
YIQ	150.8230, 65.3850, -23.0870

Conversions

Conversions Part 2

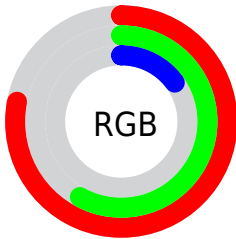
Format	Color
RYB	114, 199, 39
Decimal	13079591
CIELab	64.54, 9.55, 60.45
CIELCh	65, 61.201, 81.021
Yxy	33.4684, 0.4630, 0.4490
Android (android.graphics.Color)	4291269671 (0xFFC79427)
YUV	150.8230, -55.1287, 42.2512
Hunter-Lab	57.8519, 5.2365, 33.7725

Details

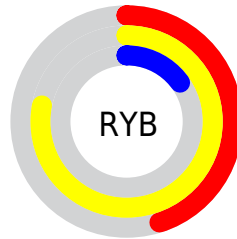
The XYZ color **34.5093, 33.4684, 6.5607** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **14.8016, 11.8670, 55.5428**, and the grayscale version is **29.5493, 31.0882, 33.8550**.

A 20% lighter version of the original color is **64.3809, 64.3092, 19.6094**, and **15.1829, 14.3108, 1.9620** is the 20% darker color. If you saturate the color by 10%, you get **33.2944, 31.4352, 4.9336**, and if you desaturate by 10%, it is **35.9531, 35.6831, 9.1173**.

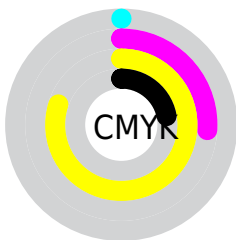
Distribution



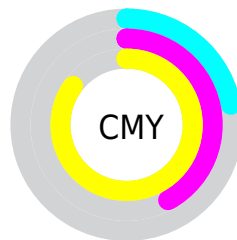
- Red (78%)
- Green (58%)
- Blue (15%)



- Red (45%)
- Yellow (78%)
- Blue (15%)



- Cyan (0%)
- Magenta (26%)
- Yellow (80%)
- Black (22%)





- Cyan (22%)
- Magenta (42%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.5093, 33.4684, 6.5607 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 34.5093, 33.4684, 6.5607 by changing the saturation by 10% instead.


 34.5093, 33.4684,
6.5607


 34.5093, 33.4684,
6.5607


313.9432,
317.7551, 173.4519


 23.4499, 22.4855,
3.1147


 66.0639, 65.1061,
19.5814

 15.0486, 14.2141,
1.1535


 87.2899, 86.5298,
29.9932

 8.9400, 8.2697,
0.0000


 112.6353,
112.2024, 43.5640

 4.7589, 4.2680,
0.0000

 142.4657,
142.5085, 60.7123

 2.1398, 1.8246,
0.0000

 177.1463,
177.8324, 81.8568

 0.7107, 0.5024,
0.0000

 217.0425,

 0.0000, 0.0000,

218.5586, 107.4158

0.0000

262.5197,
265.0713, 137.8080

■ 34.5093, 33.4684,
6.5607

■ 34.5093, 33.4684,
6.5607

■ 33.2944, 31.4352,
4.9336

■ 35.9531, 35.6831,
9.1173

■ 32.2973, 29.6305,
4.0170

■ 37.6480, 38.0854,
12.7268

■ 39.6158, 40.6868,
17.4958

■ 41.8748, 43.4959,
23.5169

■ 44.4415, 46.5205,
30.8736

■ 47.3311, 49.7680,
39.6420

■ 50.5578, 53.2452,
49.8924

■ 54.1346, 56.9586,
61.6905

■ 58.0740, 60.9144,
75.0978

Harmonies

Analogous

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



43.6108, 33.4684, 10.3522



34.5093, 33.4684, 6.5607



26.1491, 33.4684, 7.4308

Triad

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



34.5093, 33.4684, 6.5607



18.5487, 33.4684, 56.6026



46.7641, 33.4684, 75.9299

Complementary

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



34.5093, 33.4684, 6.5607



14.8016, 11.8670, 55.5428

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.



38.2357, 33.4684, 102.4600



34.5093, 33.4684, 6.5607



22.3579, 33.4684, 88.1982

Square

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



34.5093, 33.4684, 6.5607



17.9183, 33.4684, 29.4270



29.2566, 33.4684, 107.7610



51.4908, 33.4684, 44.4903

Rectangle

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



34.5093, 33.4684, 6.5607



21.9966, 33.4684, 10.8368



29.2566, 33.4684, 107.7610



44.1803, 33.4684, 86.2225

Sweetspot

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



34.5101, 33.4701, 6.5613



80.8052, 84.8461, 63.0393



26.2252, 14.3720, 11.5943



16.9076, 17.7229, 12.3202



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.



34.5101, 33.4701, 6.5613



57.0135, 52.7175, 7.4635



37.8761, 49.8015, 9.5362



11.2278, 11.8248, 11.2534



20.8498, 19.2169, 2.6103



1.0504, 1.0363, 0.1447

Inverse Universe

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



14.8016, 11.8670, 55.5428



21.6857, 14.3020, 96.2253



13.2590, 6.7217, 54.6310



10.3280, 10.8301, 13.4636



7.8575, 5.1089, 35.3163



0.4379, 0.3737, 1.6942

Previews

White Background



This preview shows how the XYZ color 34.5093, 33.4684, 6.5607 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 34.5093, 33.4684, 6.5607 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 34.5093, 33.4684, 6.5607

Background



This preview shows how black text looks on a background with the XYZ color 34.5093, 33.4684, 6.5607.



This preview shows how white text looks on a background with the XYZ color 34.5093, 33.4684,

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

34.5093, 33.4684, 6.5607

Protanopia

30.3617, 33.5041, 6.9645

Deuteranopia

34.1396, 33.5117, 6.5885



Tritanopia

39.9669, 33.4687, 32.7874

Trichromacy



Original Color

34.5093, 33.4684, 6.5607

Protanomaly

31.7058, 33.4548, 6.7938

Deuteranomaly

34.4024, 33.6471, 6.6008

Tritanomaly

37.0619, 33.1466, 18.9126

Monochromacy



Original Color

34.5093, 33.4684, 6.5607

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.8693, 31.2633, 19.2120

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5093, 33.4684, 6.5607 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, 148, 39)` looks like.

```
.text, #text, p{  
    color:rgb(199, 148, 39)  
}
```

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, 148, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 148, 39) }
```

Border

The CSS property to change the border of an element to XYZ 34.5093, 33.4684, 6.5607 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, 148, 39) }
```


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

```
.border{ border-color:rgb(199, 148, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 148, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 148, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 148, 39);  
box-shadow:4px 4px 4px 4px rgb(199, 148,  
39) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5093, 33.4684, 6.5607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 148, 39) }
```

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

```
.background{ background-color: rgb(199,  
148, 39) }
```

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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