

Converting Colors

XYZ(39.0962, 34.6916, 4.6355)

Have a look what the booklet for
XYZ(39.0962, 34.6916, 4.6355)
contains.

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Color

**XYZ(39.0359, 34.7050,
4.6413)**

Conversions

Conversions Part 1

Format	Color
Hex	DB8F00
RGB	219, 143, 0
RGB Percent	86%, 56%, 0%
CMY	0.1412, 0.4392, 1.0000
CMYK	0.00, 0.35, 1.00, 0.14
HSL	39°, 100%, 43%
HSV	39°, 100%, 86%
XYZ	39.0359, 34.7050, 4.6413
YIQ	149.4220, 91.1990, -28.3610

Conversions

Conversions Part 2

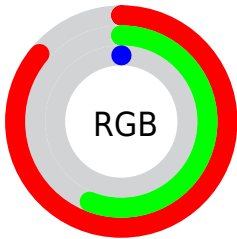
Format	Color
RYB	116, 219, 0
Decimal	14388992
CIELab	65.52, 20.29, 70.68
CIElCh	66, 73.538, 73.986
Yxy	34.7050, 0.4980, 0.4428
Android (android.graphics.Color)	4292579072 (0xFFDB8F00)
YUV	149.4220, -73.6650, 61.0199
Hunter-Lab	58.9109, 15.1845, 36.5665

Details

The XYZ color **39.0359, 34.7050, 4.6413** 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 **15.3709, 10.2839, 68.1922**, and the grayscale version is **29.0207, 30.5321, 33.2494**.

A 20% lighter version of the original color is **62.4089, 61.6735, 14.9182**, and **18.0149, 15.0978, 1.9647** is the 20% darker color. If you saturate the color by 10%, you get **39.0360, 34.7056, 4.6414**, and if you desaturate by 10%, it is **40.3605, 37.1241, 5.7930**.

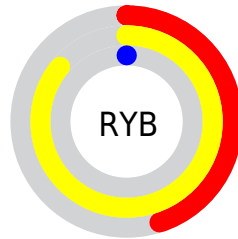
Distribution



Red (86%)

Green (56%)

Blue (0%)



Red (45%)

Yellow (86%)

Blue (0%)

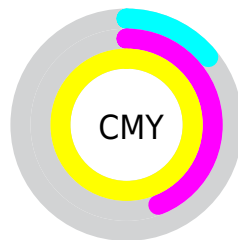


Cyan (0%)

Magenta (35%)

Yellow (100%)

Black (14%)



Cyan (14%)


Magenta (44%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0359, 34.7050, 4.6413 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 39.0359, 34.7050, 4.6413 by changing the saturation by 10% instead.


 39.0359, 34.7050,
4.6413


 39.0359, 34.7050,
4.6413


333.2476,
323.2643, 155.1070


 26.9685, 23.4357,
1.9834


 72.9869, 67.0285,
15.4637

 17.6860, 14.9156,
0.5450


 95.6012, 88.8515,
24.4652

 10.8231, 8.7602,
0.0000


 122.4618,
114.9613, 36.4183

 6.0144, 4.5851,
0.0000

 153.9342,
145.7421, 51.7416

 2.8946, 2.0059,
0.0000

 190.3835,
181.5784, 70.8536


 1.0983, 0.6109,
0.0000

 232.1754,


 0.0237, 0.0000,


222.8546, 94.1728


0.0000


 279.6749,
269.9551, 122.1177


 0.0000, 0.0000,
0.0000


 39.0359, 34.7050,
4.6413


 39.0359, 34.7050,
4.6413


 39.0360, 34.7056,
4.6414

 40.3605, 37.1241,
5.7930

 41.9262, 39.7643,
7.8298

 43.7889, 42.6516,
11.0343

 45.9799, 45.8008,
15.5652

 48.5259, 49.2248,
21.5563

■ 51.4504, 52.9350,
29.1247

■ 54.7746, 56.9421,
38.3756

■ 58.5180, 61.2559,
49.4052

■ 62.6985, 65.8855,
62.3022

Harmonies

Analogous

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



50.2443, 34.7050, 9.7503



39.0359, 34.7050, 4.6413



28.2296, 34.7050, 4.5083

Triad

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



39.0359, 34.7050, 4.6413



16.6943, 34.7050, 54.0121



49.5611, 34.7050, 98.5477

Complementary

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



39.0359, 34.7050, 4.6413



15.3709, 10.2839, 68.1922

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.



38.2489, 34.7050, 129.5108



39.0359, 34.7050, 4.6413



20.2157, 34.7050, 95.7613

Square

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



39.0359, 34.7050, 4.6413



16.8151, 34.7050, 23.6728



27.5960, 34.7050, 128.2794



57.1663, 34.7050, 56.6268

Rectangle

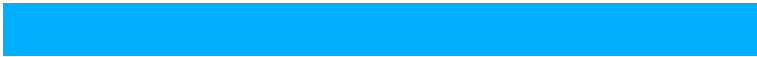
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.0359, 34.7050, 4.6413



22.7106, 34.7050, 6.8575



27.5960, 34.7050, 128.2794



45.9704, 34.7050, 111.3926

Sweetspot

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



39.0367, 34.7068, 4.6419



77.1944, 80.2309, 53.8007



30.5408, 15.5912, 8.3575



16.0819, 16.6477, 10.2688



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.



39.0367, 34.7068, 4.6419



54.9692, 48.7183, 6.5064



45.6178, 61.1207, 9.3935



13.7621, 14.4636, 13.7920



23.2527, 20.7909, 2.7875



1.5858, 1.5056, 0.2070

Inverse Universe

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



15.3709, 10.2839, 68.1922



21.5801, 14.2801, 96.2267



13.4089, 5.4357, 67.3598



12.7064, 13.3525, 16.5597



9.2065, 6.2825, 40.4658



0.6754, 0.5649, 2.6479

Previews

White Background



This preview shows how the XYZ color 39.0359, 34.7050, 4.6413 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 39.0359, 34.7050, 4.6413 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 39.0359, 34.7050, 4.6413

Background



This preview shows how black text looks on a background with the XYZ color 39.0359, 34.7050, 4.6413.



This preview shows how white text looks on a background with the XYZ color 39.0359, 34.7050,

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

39.0359, 34.7050, 4.6413

Protanopia

31.4794, 34.8794, 5.5252

Deuteranopia

35.4237, 34.6898, 4.8288



Tritanopia

44.3968, 34.7658, 30.3571

Trichromacy



Original Color

39.0359, 34.7050, 4.6413

Protanomaly

33.8585, 34.6025, 5.1816

Deuteranomaly

36.6023, 34.5897, 4.7473

Tritanomaly

41.2654, 34.3346, 14.3499

Monochromacy



Original Color

39.0359, 34.7050, 4.6413

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.9548, 30.6923, 15.1719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0359, 34.7050, 4.6413 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(219, 143, 0)` looks like.

```
.text, #text, p{  
    color:rgb(219, 143, 0)  
}
```

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(219, 143, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 143, 0) }
```

Border

The CSS property to change the border of an element to XYZ 39.0359, 34.7050, 4.6413 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(219, 143, 0) }
```


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

```
.border{ border-color:rgb(219, 143, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 143, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 143, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 143, 0);  
box-shadow:4px 4px 4px 4px rgb(219, 143,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0359, 34.7050, 4.6413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 143, 0) }
```

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

```
.background{ background-color: rgb(219,  
143, 0) }
```

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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