

Converting Colors

XYZ(39.2435, 35.1588, 5.3741)

Have a look what the booklet for
XYZ(39.2435, 35.1588, 5.3741)
contains.

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Color

**XYZ(39.1651, 35.2067,
5.3932)**

Conversions

Conversions Part 1

Format	Color
Hex	DA9114
RGB	218, 145, 20
RGB Percent	85%, 57%, 8%
CMY	0.1451, 0.4313, 0.9215
CMYK	0.00, 0.33, 0.91, 0.15
HSL	38°, 83%, 47%
HSV	38°, 91%, 85%
XYZ	39.1651, 35.2067, 5.3932
YIQ	152.5770, 83.6330, -23.3990

Conversions

Conversions Part 2

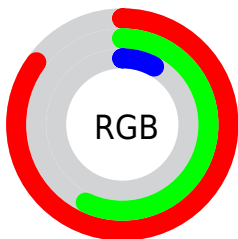
Format	Color
R _Y B	136, 218, 20
Decimal	14323988
CIE Lab	65.91, 19.01, 67.77
CIE LCh	66, 70.389, 74.330
Yxy	35.2067, 0.4910, 0.4414
Android (android.graphics.Color)	4292514068 (0xFFDA9114)
YUV	152.5770, -65.3605, 57.3760
Hunter-Lab	59.3352, 13.9849, 36.1456

Details

The XYZ color **39.1651, 35.2067, 5.3932** 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 **16.8579, 13.0396, 67.9575**, and the grayscale version is **30.3450, 31.9253, 34.7667**.

A 20% lighter version of the original color is **63.1486, 62.7009, 16.5588**, and **17.9968, 15.3525, 2.0148** is the 20% darker color. If you saturate the color by 10%, you get **37.9487, 32.9762, 4.3649**, and if you desaturate by 10%, it is **40.7260, 37.8677, 7.3352**.

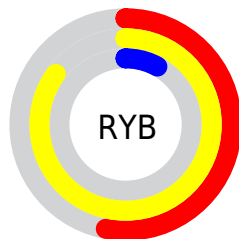
Distribution



Red (85%)

Green (57%)

Blue (8%)



Red (53%)

Yellow (85%)

Blue (8%)

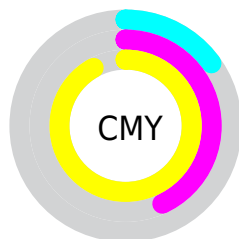


Cyan (0%)

Magenta (33%)

Yellow (91%)

Black (15%)



Cyan (15%)


Magenta (43%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1651, 35.2067, 5.3932 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 39.1651, 35.2067, 5.3932 by changing the saturation by 10% instead.


 39.1651, 35.2067,
5.3932


 39.1651, 35.2067,
5.3932


333.7870,
325.4798, 162.6398


 27.0695, 23.8221,
2.4170


 73.1829, 67.8059,
17.1132

 17.7623, 15.2017,
0.7957


 95.8358, 89.7892,
26.6941


 10.8781, 8.9611,
0.0000


 122.7386,
116.0744, 39.3136

 6.0516, 4.7158,
0.0000

 154.2565,
147.0456, 55.3903

 2.9174, 2.0815,
0.0000

 190.7550,
183.0874, 75.3427

 1.1103, 0.6542,
0.0000

 232.5993,

 0.0337, 0.0000,

224.5841, 99.5894

0.0000

280.1548,
271.9201, 128.5489

0.0000, 0.0000,
0.0000

39.1651, 35.2067,
5.3932

39.1651, 35.2067,
5.3932

37.9487, 32.9762,
4.3649

40.7260, 37.8677,
7.3352

42.5864, 40.7887,
10.4207

44.7789, 43.9872,
14.8098

47.3306, 47.4763,
20.6366

50.2651, 51.2683,
28.0181

■ 53.6039, 55.3742,
37.0594

■ 57.3665, 59.8041,
47.8562

■ 61.5712, 64.5678,
60.4969

■ 66.2350, 69.6744,
75.0640

Harmonies

Analogous

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



49.9187, 35.2067, 10.6106



39.1651, 35.2067, 5.3932



28.7496, 35.2067, 5.2999

Triad

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



39.1651, 35.2067, 5.3932



17.5758, 35.2067, 54.3432



49.4878, 35.2067, 95.6930

Complementary

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



39.1651, 35.2067, 5.3932



16.8579, 13.0396, 67.9575

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.



38.6651, 35.2067, 125.0075



39.1651, 35.2067, 5.3932



21.0907, 35.2067, 93.9591

Square

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



39.1651, 35.2067, 5.3932



17.6548, 35.2067, 24.8428



28.3429, 35.2067, 124.2460



56.6694, 35.2067, 55.9939

Rectangle

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



39.1651, 35.2067, 5.3932



23.3971, 35.2067, 7.8091



28.3429, 35.2067, 124.2460



46.0669, 35.2067, 107.8254

Sweetspot

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



39.1659, 35.2085, 5.3939



78.3093, 81.1923, 58.0824



31.2704, 16.2487, 12.5315



16.3800, 16.9235, 11.3559



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.



39.1659, 35.2085, 5.3939



53.9830, 46.7461, 6.1777



47.6775, 61.7818, 10.0744



13.7377, 14.4148, 13.7839



22.8414, 19.9683, 2.6504



1.5610, 1.4562, 0.1988

Inverse Universe

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



16.8579, 13.0396, 67.9575



22.0536, 15.2273, 96.3845



13.9058, 6.0784, 66.7695



12.7299, 13.3995, 16.5676



9.4109, 6.6912, 40.5339



0.6904, 0.5949, 2.6529

Previews

White Background



This preview shows how the XYZ color 39.1651, 35.2067, 5.3932 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 39.1651, 35.2067, 5.3932 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 39.1651, 35.2067, 5.3932

Background



This preview shows how black text looks on a background with the XYZ color 39.1651, 35.2067, 5.3932.



This preview shows how white text looks on a background with the XYZ color 39.1651, 35.2067,

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

39.1651, 35.2067, 5.3932

Protanopia

31.9764, 35.3837, 6.0641

Deuteranopia

35.9116, 35.1749, 5.1838



Tritanopia

44.5153, 35.2196, 31.2399

Trichromacy



Original Color

39.1651, 35.2067, 5.3932

Protanomaly

34.1241, 34.9739, 5.7627

Deuteranomaly

36.8391, 34.9365, 5.2172

Tritanomaly

41.6571, 34.9149, 16.6003

Monochromacy



Original Color

39.1651, 35.2067, 5.3932

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.5876, 32.1797, 17.9111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1651, 35.2067, 5.3932 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(218, 145, 20)` looks like.

```
.text, #text, p{  
    color:rgb(218, 145, 20)  
}
```

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(218, 145, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 145, 20) }
```

Border

The CSS property to change the border of an element to XYZ 39.1651, 35.2067, 5.3932 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(218, 145, 20) }
```


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

```
.border{ border-color:rgb(218, 145, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 145, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 145, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 145, 20);  
box-shadow:4px 4px 4px 4px rgb(218, 145,  
20) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1651, 35.2067, 5.3932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 145, 20) }
```

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

```
.background{ background-color: rgb(218,  
145, 20) }
```

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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