

Converting Colors

YUV(139.4210, -68.7346,
66.2828)

Have a look what the booklet for
YUV(139.4210, -68.7346, 66.2828)
contains.

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Color

**YUV(139.4210, -68.7346,
66.2828)**

Conversions

Conversions Part 1

Format	Color
Hex	D78000
RGB	215, 128, 0
RGB Percent	84%, 50%, 0%
CMY	0.1569, 0.4980, 1.0000
CMYK	0.00, 0.40, 1.00, 0.16
HSL	36°, 100%, 42%
HSV	36°, 100%, 84%
XYZ	35.7435, 29.8854, 3.8846
YIQ	139.4210, 92.9400, -21.3640

Conversions

Conversions Part 2

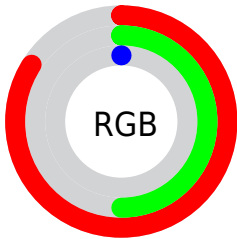
Format	Color
R_{YB}	146, 215, 0
Decimal	14123008
CIE Lab	61.56, 26.61, 67.88
CIE LCh	62, 72.906, 68.591
Yxy	29.8854, 0.5142, 0.4299
Android (android.graphics.Color)	4292313088 (0xFFD78000)
YUV	139.4210, -68.7346, 66.2828
Hunter-Lab	54.6676, 21.0411, 34.0543

Details

The YUV color **139.4210, -68.7346, 66.2828** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **75.5790, 68.7346, -66.2828**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.4720, -59.3927, 56.5911**, and **91.8320, -45.2732, 54.5213** is the 20% darker color. If you saturate the color by 10%, you get **139.4210, -68.7346, 66.2828**, and if you desaturate by 10%, it is **147.0980, -62.1663, 59.5501**.

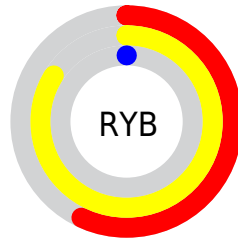
Distribution



Red (84%)

Green (50%)

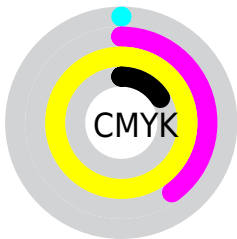
Blue (0%)



Red (57%)

Yellow (84%)

Blue (0%)

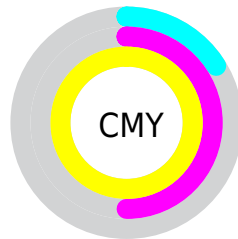


Cyan (0%)

Magenta (40%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (50%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.4210, -68.7346, 66.2828 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 YUV color 139.4210, -68.7346, 66.2828 by changing the saturation by 10% instead.

139.4210,
-68.7346, 66.2828

139.4210,
-68.7346, 66.2828

255.0000, 0.0000,
0.0000

115.4770,
-56.9302, 60.0947

190.4720,
-59.3927, 56.5911

91.8320, -45.2732,
54.5213

210.1000,
-55.2653, 39.3773

69.3610, -34.1950,
47.9184

229.6140,
-51.5747, 22.2635

46.8900, -23.1168,
41.3155

243.2580,
-44.9902, 10.2977

24.4300, -12.0440,
36.4569

246.4500,
-32.7599, 7.4983


12.8570, -6.3385,
26.4354


249.7560,

0.0000, 0.0000,


-20.0927, 4.5990

0.0000


 253.0620, -7.4256,
1.6996


 139.4210,
-68.7346, 66.2828

 147.0980,
-62.1663, 59.5501

 154.3020,
-54.8719, 53.2321

 162.0930,
-47.8668, 46.3994

 169.7700,
-41.2986, 39.6667

 177.5610,
-34.2936, 32.8340

■ 184.6510,
-27.4359, 26.6161

■ 192.4420,
-20.4309, 19.7834

■ 200.1190,
-13.8627, 13.0506

■ 207.3230, -6.5682,
6.7327

Harmonies

Analogous

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



140.9680, -34.4942, 97.3751



139.4210, -68.7346, 66.2828



137.3630, -67.7200, 20.7296

Triad

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



139.4210, -68.7346, 66.2828



123.4100, 20.9969, -108.2306



151.8410, 48.3924, 18.5564

Complementary

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



139.4210, -68.7346, 66.2828



75.5790, 68.7346, -66.2828

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.



117.1200, 67.9748, -102.7142



139.4210, -68.7346, 66.2828



129.3040, 48.6571, -113.3996

Square

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



139.4210, -68.7346, 66.2828



114.0110, -7.4004, -99.9876



127.6860, 62.7658, -111.9806



147.3360, 24.4844, 80.3893

Rectangle

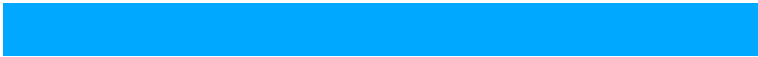
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



139.4210, -68.7346, 66.2828



130.6640, -64.4174, -11.9833



127.6860, 62.7658, -111.9806



148.4030, 52.5523, -9.1234

Sweetspot

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



139.4210, -68.7346, 66.2828



228.1390, -24.2255, 23.5571



74.5450, 7.6193, 123.1790



111.6030, -14.5943, 14.3802



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



139.4210, -68.7346, 66.2828



165.4690, -81.5762, 78.5187



185.1080, -91.2582, 10.4293



103.3980, -3.6472, 3.1590



111.0030, -54.7245, 52.6174



28.1190, -13.8627, 13.0506

Inverse Universe

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



75.5790, 68.7346, -66.2828



89.5310, 81.5762, -78.5187



29.8920, 91.2582, -10.4293



100.1890, 3.3578, -3.6738



59.9970, 54.7245, -52.6174



15.4680, 13.5733, -13.5654

Previews

White Background



This preview shows how the YUV color 139.4210, -68.7346, 66.2828 looks on a white background.

Color Contrast Check

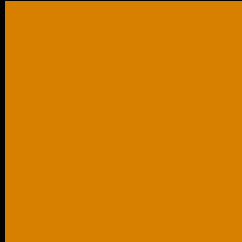
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 139.4210, -68.7346, 66.2828 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 139.4210, -68.7346, 66.2828

Background



This preview shows how black text looks on a background with the YUV color 139.4210, -68.7346, 66.2828.



This preview shows how white text looks on a background with the YUV color 139.4210, -68.7346, 66.2828.

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



Protanopia

140.1060, -61.1843, 24.4630

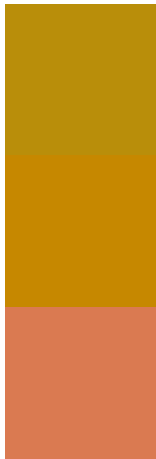
Deuteranopia

139.2780, -68.6641, 43.6062

Tritanopia

150.2250, -10.9569, 61.1927

Trichromacy



Protanomaly

139.8090, -63.9958, 39.6325

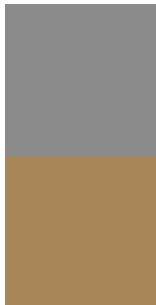
Deuteranomaly

139.0340, -68.5438, 51.7132

Tritanomaly

146.0300, -32.0598, 63.1177

Monochromacy



Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

139.2100, -25.2465, 24.3718

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.4210, -68.7346, 66.2828 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(215, 128, 0)` looks like.

```
.text, #text, p{  
    color:rgb(215, 128, 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(215, 128, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 128, 0) }
```

Border

The CSS property to change the border of an element to YUV 139.4210, -68.7346, 66.2828 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(215, 128, 0) }
```

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

```
.border{ border-color:rgb(215, 128, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 128, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 128, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 128, 0);  
box-shadow:4px 4px 4px 4px rgb(215, 128,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 139.4210, -68.7346, 66.2828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 128, 0) }
```

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

```
.background{ background-color: rgb(215,  
128, 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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