

Converting Colors

YUV(139.6410, -68.8430,
101.1698)

Have a look what the booklet for
YUV(139.6410, -68.8430, 101.1698)
contains.

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Color

**YUV(139.6410, -68.8430,
101.1698)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6C00
RGB	255, 108, 0
RGB Percent	100%, 42%, 0%
CMY	0.0000, 0.5765, 1.0000
CMYK	0.00, 0.58, 1.00, 0.00
HSL	25°, 100%, 50%
HSV	25°, 100%, 100%
XYZ	46.6026, 31.9851, 3.7175
YIQ	139.6410, 122.2800, -2.4240

Conversions

Conversions Part 2

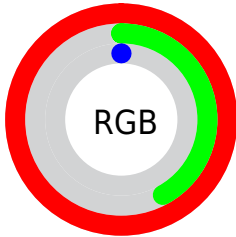
Format	Color
R _Y B	255, 187, 0
Decimal	16739328
CIE Lab	63.33, 52.33, 71.89
CIE LCh	63, 88.921, 53.951
Yxy	31.9851, 0.5662, 0.3886
Android (android.graphics.Color)	4294929408 (0xFFFF6C00)
YUV	139.6410, -68.8430, 101.1698
Hunter-Lab	56.5554, 48.1150, 35.6915

Details

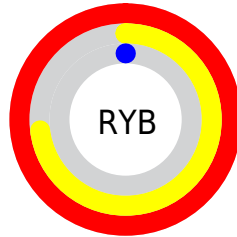
The YUV color **139.6410, -68.8430, 101.1698** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **115.3590, 68.8430, -101.1698**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.7920, -54.6205, 65.9574**, and **87.9210, -43.3451, 89.5233** is the 20% darker color. If you saturate the color by 10%, you get **139.6410, -68.8430, 101.1698**, and if you desaturate by 10%, it is **151.2960, -62.2639, 90.9484**.

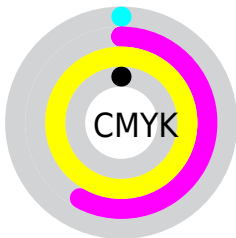
Distribution



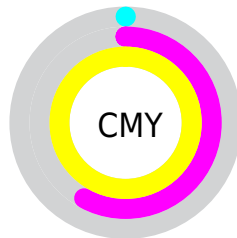
- Red (100%)
- Green (42%)
- Blue (0%)



- Red (100%)
- Yellow (73%)
- Blue (0%)



- Cyan (0%)
- Magenta (58%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (58%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.6410, -68.8430, 101.1698 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 139.6410, -68.8430, 101.1698 by changing the saturation by 10% instead.

139.6410,
-68.8430, 101.1698

139.6410,
-68.8430, 101.1698

255.0000, 0.0000,
0.0000

113.9250,
-56.1650, 94.7818

179.7920,
-54.6205, 65.9574

87.9210, -43.3451,
89.5233

199.3060,
-50.9299, 48.8436

58.9820, -29.0781,
86.8388

219.5210,
-47.0919, 31.1151

37.6740, -18.5733,
77.4619

239.6220,
-43.6906, 13.4865

28.7040, -14.1511,
59.0186

246.3360,
-33.1966, 7.5983


20.1470, -9.4395,
41.0901


249.5280,


11.1770, -5.0173,


-20.9663, 4.7989


22.6468

 252.8340, -8.2992,
1.8996

 0.0000, 0.0000,
0.0000

 139.6410,
-68.8430, 101.1698

 151.2960,
-62.2639, 90.9484

 162.4780,
-54.9587, 81.1418

 174.2470,
-47.9428, 70.8204

 185.9020,
-41.3637, 60.5989

 197.6710,
-34.3478, 50.2775

■ 208.7390,
-27.4793, 40.5709

■ 220.5080,
-20.4634, 30.2495

■ 232.1630,
-13.8844, 20.0280

■ 243.3450, -6.5791,
10.2214

Harmonies

Analogous

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



122.8820, -13.7458, 115.8675



139.6410, -68.8430, 101.1698



144.6160, -71.2957, 47.6948

Triad

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



139.6410, -68.8430, 101.1698



124.4580, 4.7042, -109.1497



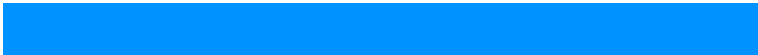
142.0470, 55.6858, -34.2442

Complementary

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



139.6410, -68.8430, 101.1698



115.3590, 68.8430, -101.1698

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.



127.6860, 62.7658, -111.9806



139.6410, -68.8430, 101.1698



134.3930, 40.2323, -117.8627

Square

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



139.6410, -68.8430, 101.1698



111.1320, -31.1241, -97.4628



136.4910, 58.4249, -119.7026



153.6930, 46.4934, 67.7982

Rectangle

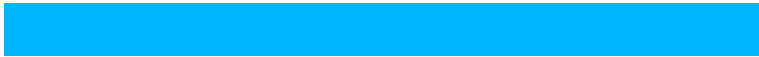
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



139.6410, -68.8430, 101.1698



139.6560, -68.8504, 9.9487



136.4910, 58.4249, -119.7026



117.7070, 67.6854, -103.2290

Sweetspot

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



139.6410, -68.8430, 101.1698



220.5080, -20.4634, 30.2495



93.2310, 27.4941, 141.8714



106.9070, -12.2792, 18.4986



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.



139.6410, -68.8430, 101.1698



213.6030, -105.3063, 36.3052



121.8220, -3.3632, 5.4181



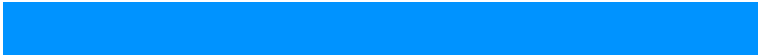
104.6560, -51.5954, 75.7237



34.9850, -17.2476, 25.4462

Inverse Universe

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



115.3590, 68.8430, -101.1698



41.3970, 105.3063, -36.3052



120.5910, 3.6526, -4.9033



86.3440, 51.5954, -75.7237



29.0150, 17.2476, -25.4462

Previews

White Background



This preview shows how the YUV color 139.6410, -68.8430, 101.1698 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 YUV color 139.6410, -68.8430, 101.1698 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](#).

YUV 139.6410, -68.8430, 101.1698 Background



This preview shows how black text looks on a background with the YUV color 139.6410, -68.8430, 101.1698.



This preview shows how white text looks on a background with the YUV color 139.6410, -68.8430, 101.1698.

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

139.6410, -68.8430, 101.1698

Protanopia

144.8610, -59.5845, 24.6779

Deuteranopia

143.7080, -70.8480, 44.1061



Tritanopia

149.1320, -19.7851, 92.8462

Trichromacy



Original Color

139.6410, -68.8430, 101.1698

Protanomaly

142.8260, -63.0182, 52.7726

Deuteranomaly

142.0680, -70.0395, 64.8384

Tritanomaly

145.7460, -37.8358, 95.8158

Monochromacy



Original Color

139.6410, -68.8430, 101.1698

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.7000, -24.9951, 37.0971

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.6410, -68.8430, 101.1698 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(255, 108, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 108, 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(255, 108, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 108, 0) }
```

Border

The CSS property to change the border of an element to YUV 139.6410, -68.8430, 101.1698 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(255, 108, 0) }
```

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

```
.border{ border-color:rgb(255, 108, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 108, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 108, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 108, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 108,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 139.6410, -68.8430, 101.1698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 108, 0) }
```

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

```
.background{ background-color: rgb(255,  
108, 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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