

Converting Colors

YUV(139.1680, -68.1168,
101.5847)

Have a look what the booklet for
YUV(139.1680, -68.1168, 101.5847)
contains.

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Color

**YUV(139.1680, -68.1168,
101.5847)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6B01
RGB	255, 107, 1
RGB Percent	100%, 42%, 0%
CMY	0.0000, 0.5804, 0.9961
CMYK	0.00, 0.58, 1.00, 0.00
HSL	25°, 100%, 50%
HSV	25°, 100%, 100%
XYZ	46.5032, 31.7776, 3.7114
YIQ	139.1680, 122.2340, -1.5900

Conversions

Conversions Part 2

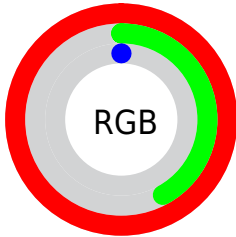
Format	Color
R_{YB}	255, 183, 1
Decimal	16739073
CIE Lab	63.16, 52.79, 71.63
CIE LCh	63, 88.983, 53.613
Yxy	31.7776, 0.5672, 0.3876
Android (android.graphics.Color)	4294929153 (0xFFFF6B01)
YUV	139.1680, -68.1168, 101.5847
Hunter-Lab	56.3716, 48.6014, 35.5566

Details

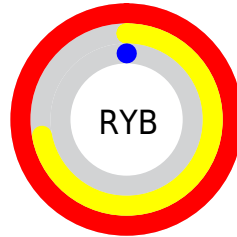
The YUV color **139.1680, -68.1168, 101.5847** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **116.8320, 68.1168, -101.5847**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.3190, -53.8943, 66.3722**, and **87.3340, -43.0557, 90.0381** is the 20% darker color. If you saturate the color by 10%, you get **138.4670, -68.2642, 102.1994**, and if you desaturate by 10%, it is **150.8230, -61.5377, 91.3632**.

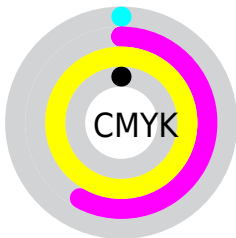
Distribution



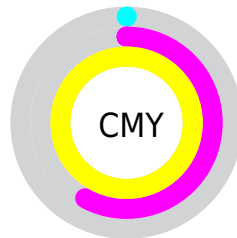
- Red (100%)
- Green (42%)
- Blue (0%)



- Red (100%)
- Yellow (72%)
- 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 139.1680, -68.1168, 101.5847 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 139.1680, -68.1168, 101.5847 by changing the saturation by 10% instead.

139.1680,
-68.1168, 101.5847

139.1680,
-68.1168, 101.5847

255.0000, 0.0000,
0.0000

113.3380,
-55.8756, 95.2966

179.3190,
-53.8943, 66.3722

87.3340, -43.0557,
90.0381

198.8330,
-50.2037, 49.2585

57.8080, -28.4993,
87.8684

218.9340,
-46.8025, 31.6299

37.6740, -18.5733,
77.4619

239.0350,
-43.4013, 14.0013

28.4050, -14.0037,
58.4038

246.3360,
-33.1966, 7.5983


20.1470, -9.4395,
41.0901

249.6420,


11.1770, -5.0173,

-20.5295, 4.6990

22.6468


 252.9480, -7.8624,
1.7996


 0.0000, 0.0000,
0.0000


 139.1680,
-68.1168, 101.5847


 139.1680,
-68.1168, 101.5847


 138.4670,
-68.2642, 102.1994

 150.8230,
-61.5377, 91.3632

 162.5920,
-54.5219, 81.0418

 174.3610,
-47.5060, 70.7204

 185.4290,
-40.6375, 61.0138

 197.1980,
-33.6216, 50.6924

■ 208.8530,
-27.0425, 40.4709

■ 220.5080,
-20.4634, 30.2495

■ 232.2770,
-13.4476, 19.9281

■ 244.0460, -6.4317,
9.6067

Harmonies

Analogous

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



122.2950, -13.4564, 116.3823



139.1680, -68.1168, 101.5847



144.0290, -71.0063, 48.2096

Triad

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



139.1680, -68.1168, 101.5847



124.3440, 4.2674, -109.0497



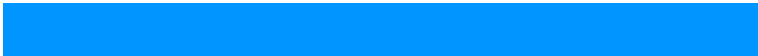
141.1500, 56.1281, -36.0885

Complementary

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



139.1680, -68.1168, 101.5847



116.8320, 68.1168, -101.5847

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



139.1680, -68.1168, 101.5847



134.2790, 39.7955, -117.7627

Square

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



139.1680, -68.1168, 101.5847



110.9040, -31.9977, -97.2628



135.9040, 58.7143, -119.1878



153.0950, 46.7882, 66.5687

Rectangle

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



139.1680, -68.1168, 101.5847



139.9550, -68.9978, 10.5635



135.9040, 58.7143, -119.1878



117.7070, 67.6854, -103.2290

Sweetspot

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



139.1680, -68.1168, 101.5847



219.9210, -20.1741, 30.7643



93.8180, 27.2047, 141.3566



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.



139.1680, -68.1168, 101.5847



138.4670, -68.2642, 102.1994



213.7170, -104.8695, 36.2052



121.8220, -3.3632, 5.4181



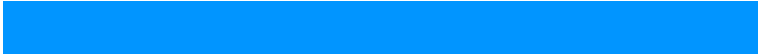
104.0690, -51.3060, 76.2385



34.9850, -17.2476, 25.4462

Inverse Universe

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



116.8320, 68.1168, -101.5847



116.5330, 68.2642, -102.1994



42.2830, 104.8695, -36.2052



120.5910, 3.6526, -4.9033



86.9310, 51.3060, -76.2385



29.0150, 17.2476, -25.4462

Previews

White Background



This preview shows how the YUV color 139.1680, -68.1168, 101.5847 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 139.1680, -68.1168, 101.5847 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 139.1680, -68.1168, 101.5847 Background



This preview shows how black text looks on a background with the YUV color 139.1680, -68.1168, 101.5847.



This preview shows how white text looks on a background with the YUV color 139.1680, -68.1168, 101.5847.

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

139.1680, -68.1168, 101.5847

Protanopia

144.9750, -59.1477, 24.5779

Deuteranopia

142.8220, -70.4112, 44.0061



Tritanopia

148.4310, -19.9325, 93.4610

Trichromacy



Original Color

139.1680, -68.1168, 101.5847

Protanomaly

142.9400, -62.5814, 52.6726

Deuteranomaly

141.4810, -69.7501, 65.3532

Tritanomaly

145.1590, -37.5464, 96.3306

Monochromacy



Original Color

139.1680, -68.1168, 101.5847

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.8140, -24.5583, 36.9971

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.1680, -68.1168, 101.5847 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, 107, 1)` looks like.

```
.text, #text, p{  
    color:rgb(255, 107, 1)  
}
```

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, 107, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 107, 1) }
```

Border

The CSS property to change the border of an element to YUV 139.1680, -68.1168, 101.5847 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, 107, 1) }
```


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

```
.border{ border-color:rgb(255, 107, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 107, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 107, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 107, 1);  
box-shadow:4px 4px 4px 4px rgb(255, 107,  
1) }
```

Background

The CSS property to change the background color of an element to YUV 139.1680, -68.1168, 101.5847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 107, 1) }
```

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

```
.background{ background-color: rgb(255,  
107, 1) }
```

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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