

Converting Colors

YUV(151.1340, -66.6211,
88.4595)

Have a look what the booklet for
YUV(151.1340, -66.6211, 88.4595)
contains.

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Color

**YUV(151.1340, -66.6211,
88.4595)**

Conversions

Conversions Part 1

Format	Color
Hex	FC7E10
RGB	252, 126, 16
RGB Percent	99%, 49%, 6%
CMY	0.0118, 0.5059, 0.9373
CMYK	0.00, 0.50, 0.94, 0.01
HSL	28°, 98%, 53%
HSV	28°, 94%, 99%
XYZ	47.6993, 35.6546, 4.8582
YIQ	151.1340, 110.4060, -7.4980

Conversions

Conversions Part 2

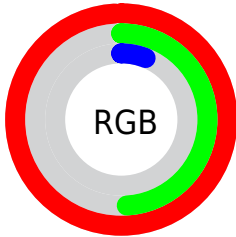
Format	Color
R _Y B	252, 222, 16
Decimal	16547344
CIE Lab	66.26, 42.79, 70.88
CIE LCh	66, 82.798, 58.881
Yxy	35.6546, 0.5407, 0.4042
Android (android.graphics.Color)	4294737424 (0xFFFC7E10)
YUV	151.1340, -66.6211, 88.4595
Hunter-Lab	59.7114, 38.0960, 36.9741

Details

The YUV color **151.1340, -66.6211, 88.4595** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **116.8660, 66.6211, -88.4595**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.7970, -55.6089, 56.3060**, and **99.6500, -49.1274, 77.4830** is the 20% darker color. If you saturate the color by 10%, you get **144.0270, -71.0053, 94.6923**, and if you desaturate by 10%, it is **161.6150, -59.4632, 79.2676**.

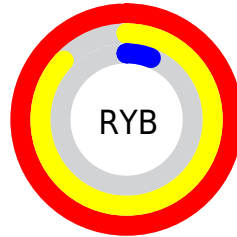
Distribution



Red (99%)

Green (49%)

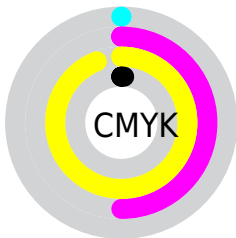
Blue (6%)



Red (99%)

Yellow (87%)

Blue (6%)

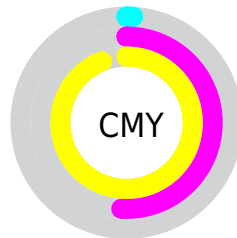


Cyan (0%)

Magenta (50%)

Yellow (94%)

Black (1%)



Cyan (1%)

Magenta (51%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.1340, -66.6211, 88.4595 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 151.1340, -66.6211, 88.4595 by changing the saturation by 10% instead.

151.1340,
-66.6211, 88.4595

151.1340,
-66.6211, 88.4595

255.0000, 0.0000,
0.0000

124.4800,
-61.3686, 83.7710

190.7970,
-55.6089, 56.3060

99.6500, -49.1274,
77.4830

210.8980,
-52.2077, 38.6775

74.8200, -36.8863,
71.1949

230.5260,
-48.0803, 21.4637

49.1150, -24.2137,
66.5511

244.1700,
-41.4958, 9.4979

28.4050, -14.0037,
58.4038

247.4760,
-28.8287, 6.5985

19.7340, -9.7289,
40.5753


250.6680,


12.0740, -5.4595,


-16.5983, 3.7992

24.4911


 253.9740, -3.9312,
0.8998


 0.0000, 0.0000,
0.0000


 151.1340,
-66.6211, 88.4595

 151.1340,
-66.6211, 88.4595


 144.0270,
-71.0053, 94.6923

 161.6150,
-59.4632, 79.2676

 172.6830,
-52.5947, 69.5610

 183.2780,
-45.0001, 60.2692

 194.3460,
-38.1316, 50.5626

 204.8270,
-30.9737, 41.3707

■ 215.8950,
-24.1052, 31.6641

■ 226.3760,
-16.9474, 22.4722

■ 237.5580, -9.6421,
12.6656

■ 248.0390, -2.4842,
3.4738

Harmonies

Analogous

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



139.2040, -22.2856, 101.5531



151.1340, -66.6211, 88.4595



150.7630, -74.3262, 39.6728

Triad

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



151.1340, -66.6211, 88.4595



131.6620, 11.9986, -115.4676



156.6760, 48.4737, -7.6089

Complementary

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



151.1340, -66.6211, 88.4595



116.8660, 66.6211, -88.4595

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.



129.4470, 61.8976, -113.5250



151.1340, -66.6211, 88.4595



140.2120, 44.7585, -122.9659

Square

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



151.1340, -66.6211, 88.4595



119.8350, -20.6247, -105.0953



139.4260, 56.9780, -122.2766



161.8480, 38.0359, 73.8013

Rectangle

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



151.1340, -66.6211, 88.4595



145.5150, -71.7389, 3.0563



139.4260, 56.9780, -122.2766



144.8940, 54.2823, -50.7730

Sweetspot

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



151.1340, -66.6211, 88.4595



224.6000, -20.0158, 26.6608



101.3840, 21.9957, 132.0902



108.8960, -12.2737, 16.7542



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.



151.1340, -66.6211, 88.4595



146.0980, -72.0263, 95.5071



218.0520, -99.6116, 29.7724



119.4090, -3.6526, 4.9033



108.1670, -53.3263, 70.8905



35.2620, -17.3842, 22.5722

Inverse Universe

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



116.8660, 66.6211, -88.4595



108.9020, 72.0263, -95.5071



49.9480, 99.6116, -29.7724



117.5910, 3.6526, -4.9033



80.8330, 53.3263, -70.8905



26.3250, 17.0948, -23.0870

Previews

White Background



This preview shows how the YUV color 151.1340, -66.6211, 88.4595 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 151.1340, -66.6211, 88.4595 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 151.1340, -66.6211, 88.4595

Background



This preview shows how black text looks on a background with the YUV color 151.1340, -66.6211, 88.4595.



This preview shows how white text looks on a background with the YUV color 151.1340, -66.6211, 88.4595.

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

151.1340, -66.6211, 88.4595

Protanopia

152.7040, -61.4791, 25.6926

Deuteranopia

150.8070, -74.3479, 46.6503



Tritanopia

159.8750, -16.7004, 83.4246

Trichromacy



Original Color

151.1340, -66.6211, 88.4595

Protanomaly

152.0920, -63.1494, 48.1543

Deuteranomaly

150.7040, -71.3391, 61.6496

Tritanomaly

156.7770, -34.8931, 85.2646

Monochromacy



Original Color

151.1340, -66.6211, 88.4595

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.1940, -24.2526, 32.2789

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.1340, -66.6211, 88.4595 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(252, 126, 16)` looks like.

```
.text, #text, p{  
    color:rgb(252, 126, 16)  
}
```

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(252, 126, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 126, 16) }
```

Border

The CSS property to change the border of an element to YUV 151.1340, -66.6211, 88.4595 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(252, 126, 16) }
```


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

```
.border{ border-color:rgb(252, 126, 16) }
```

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

Here you see how a box with a 4 pixel rgb(252, 126, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 126, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 126, 16);  
box-shadow:4px 4px 4px 4px rgb(252, 126,  
16) }
```

Background

The CSS property to change the background color of an element to YUV 151.1340, -66.6211, 88.4595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 126, 16) }
```

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

```
.background{ background-color: rgb(252,  
126, 16) }
```

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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