

Converting Colors

YUV(144.8910, -71.4313,
91.3036)

Have a look what the booklet for
YUV(144.8910, -71.4313, 91.3036)
contains.

YUV(144.8910, -71.4313, 91.3036)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(144.8910, -71.4313,
91.3036)**

Conversions

Conversions Part 1

Format	Color
Hex	F97800
RGB	249, 120, 0
RGB Percent	98%, 47%, 0%
CMY	0.0235, 0.5294, 1.0000
CMYK	0.00, 0.52, 1.00, 0.02
HSL	29°, 100%, 49%
HSV	29°, 100%, 98%
XYZ	45.7834, 33.5727, 4.0671
YIQ	144.8910, 115.4040, -9.9720

Conversions

Conversions Part 2

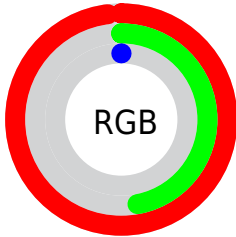
Format	Color
RYB	249, 232, 0
Decimal	16349184
CIELab	64.62, 44.44, 72.15
CIELCh	65, 84.735, 58.370
Yxy	33.5727, 0.5488, 0.4024
Android (android.graphics.Color)	4294539264 (0xFFFF97800)
YUV	144.8910, -71.4313, 91.3036
Hunter-Lab	57.9419, 39.6452, 36.3976

Details

The YUV color **144.8910, -71.4313, 91.3036** 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 **104.1090, 71.4313, -91.3036**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.4770, -56.9302, 60.0947**, and **95.2310, -46.9489, 78.7274** is the 20% darker color. If you saturate the color by 10%, you get **144.8910, -71.4313, 91.3036**, and if you desaturate by 10%, it is **155.3720, -64.2734, 82.1118**.

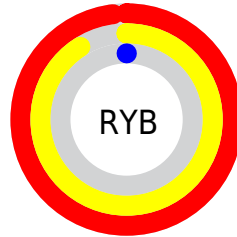
Distribution



Red (98%)

Green (47%)

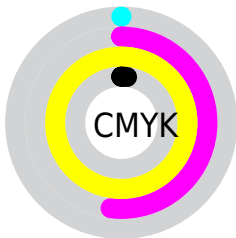
Blue (0%)



Red (98%)

Yellow (91%)

Blue (0%)

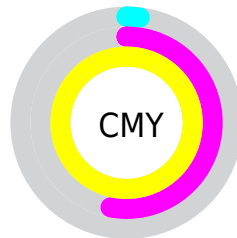


Cyan (0%)

Magenta (52%)

Yellow (100%)

Black (2%)



Cyan (2%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.8910, -71.4313, 91.3036 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 144.8910, -71.4313, 91.3036 by changing the saturation by 10% instead.

144.8910,
-71.4313, 91.3036

144.8910,
-71.4313, 91.3036

255.0000, 0.0000,
0.0000

120.0610,
-59.1901, 85.0155

186.4770,
-56.9302, 60.0947

95.2310, -46.9489,
78.7274

205.9910,
-53.2396, 42.9809

69.8140, -34.4183,
72.9541

226.2060,
-49.4016, 25.2523

41.7610, -20.5882,
70.3696

243.3720,
-44.5534, 10.1978

27.5080, -13.5614,
56.5595

246.5640,
-32.3231, 7.3984


19.1360, -9.4340,
39.3457


249.8700,

10.5790, -4.7224,


-19.6559, 4.4990


21.4172


 253.1760, -6.9888,
1.5996

 0.0000, 0.0000,
0.0000


 144.8910,
-71.4313, 91.3036

 155.3720,
-64.2734, 82.1118

 165.8530,
-57.1155, 72.9199

 176.3340,
-49.9577, 63.7281

 186.8150,
-42.7998, 54.5362

 197.2960,
-35.6419, 45.3444

■ 207.0760,
-28.6315, 36.7673

■ 217.5570,
-21.4736, 27.5755

■ 228.0380,
-14.3157, 18.3837

■ 238.5190, -7.1579,
9.1918

Harmonies

Analogous

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



134.0520, -21.7176, 106.0714



144.8910, -71.4313, 91.3036



146.6320, -72.2896, 39.7877

Triad

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



144.8910, -71.4313, 91.3036



128.0430, 10.8248, -112.2937



151.6370, 50.9580, -11.0826

Complementary

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



144.8910, -71.4313, 91.3036



104.1090, 71.4313, -91.3036

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



144.8910, -71.4313, 91.3036



137.4080, 44.1689, -120.5068

Square

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



144.8910, -71.4313, 91.3036



115.9880, -22.6721, -101.7215



137.0780, 58.1355, -120.2174



156.3150, 39.7777, 75.1457

Rectangle

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



144.8910, -71.4313, 91.3036



141.3840, -69.7023, 3.1712



137.0780, 58.1355, -120.2174



137.4520, 57.9512, -60.9094

Sweetspot

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



144.8910, -71.4313, 91.3036



222.8560, -21.6210, 28.1903



89.6130, 21.3898, 139.7824



108.6680, -13.1473, 16.9542



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.



144.8910, -71.4313, 91.3036



148.4460, -73.1839, 93.4479



215.9180, -106.4476, 29.0129



119.4090, -3.6526, 4.9033



109.9280, -54.1945, 69.3461



35.2620, -17.3842, 22.5722

Inverse Universe

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



104.1090, 71.4313, -91.3036



106.5540, 73.1839, -93.4479



33.0820, 106.4476, -29.0129



117.5910, 3.6526, -4.9033



79.0720, 54.1945, -69.3461



25.7380, 17.3842, -22.5722

Previews

White Background



This preview shows how the YUV color 144.8910, -71.4313, 91.3036 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 144.8910, -71.4313, 91.3036 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 144.8910, -71.4313, 91.3036

Background



This preview shows how black text looks on a background with the YUV color 144.8910, -71.4313, 91.3036.



This preview shows how white text looks on a background with the YUV color 144.8910, -71.4313, 91.3036.

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

148.1770, -62.2053, 25.2778

Deuteranopia

146.9640, -72.4533, 45.6356

Tritanopia

154.6580, -17.5794, 85.3689

Trichromacy



Protanomaly

146.8210, -65.4808, 49.2690

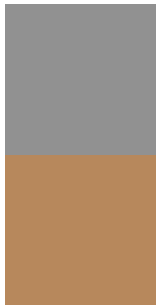
Deuteranomaly

145.8890, -71.9233, 62.3643

Tritanomaly

151.2180, -37.0825, 87.5088

Monochromacy



Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

145.0370, -26.1472, 33.2936

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.8910, -71.4313, 91.3036 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(249, 120, 0)` looks like.

```
.text, #text, p{  
    color:rgb(249, 120, 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(249, 120, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 120, 0) }
```

Border

The CSS property to change the border of an element to YUV 144.8910, -71.4313, 91.3036 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(249, 120, 0) }
```

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

```
.border{ border-color:rgb(249, 120, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 120, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 120, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 120, 0);  
box-shadow:4px 4px 4px 4px rgb(249, 120,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 144.8910, -71.4313, 91.3036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 120, 0) }
```

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

```
.background{ background-color: rgb(249,  
120, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor