

Converting Colors

YUV(150.7940, -74.3414,
91.3887)

Have a look what the booklet for
YUV(150.7940, -74.3414, 91.3887)
contains.

YUV(150.7940, -74.3414, 91.3887)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

**YUV(150.7940, -74.3414,
91.3887)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7F00
RGB	255, 127, 0
RGB Percent	100%, 50%, 0%
CMY	0.0000, 0.5020, 1.0000
CMYK	0.00, 0.50, 1.00, 0.00
HSL	30°, 100%, 50%
HSV	30°, 100%, 100%
XYZ	48.8294, 36.4387, 4.4598
YIQ	150.7940, 117.0550, -12.3610

Conversions

Conversions Part 2

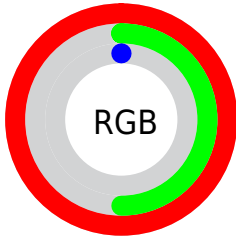
Format	Color
RYB	255, 253, 0
Decimal	16744192
CIELab	66.85, 43.32, 73.91
CIELCh	67, 85.672, 59.622
Yxy	36.4387, 0.5442, 0.4061
Android (android.graphics.Color)	4294934272 (0xFFFF7F00)
YUV	150.7940, -74.3414, 91.3887
Hunter-Lab	60.3645, 38.7523, 37.8748

Details

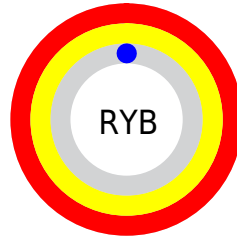
The YUV color **150.7940, -74.3414, 91.3887** is a dark color, and the websafe version is hex **FF6600**, and the color name is **orange (color wheel)**. The color can be described as dark saturated orange. A complement of this color would be **104.2060, 74.3414, -91.3887**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.8140, -58.0823, 56.2911**, and **100.8350, -49.7117, 78.1977** is the 20% darker color. If you saturate the color by 10%, you get **150.7940, -74.3414, 91.3887**, and if you desaturate by 10%, it is **161.2750, -67.1836, 82.1968**.

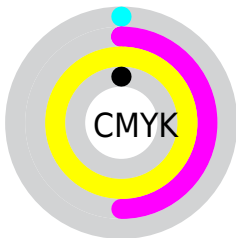
Distribution



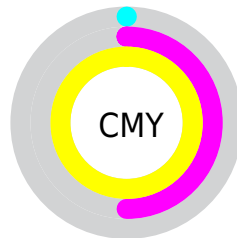
- Red (100%)
- Green (50%)
- Blue (0%)



- Red (100%)
- Yellow (99%)
- Blue (0%)



- Cyan (0%)
- Magenta (50%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (50%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.7940, -74.3414, 91.3887 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 150.7940, -74.3414, 91.3887 by changing the saturation by 10% instead.

150.7940,
-74.3414, 91.3887

150.7940,
-74.3414, 91.3887

255.0000, 0.0000,
0.0000

125.9640,
-62.1003, 85.1006

190.8140,
-58.0823, 56.2911

100.8350,
-49.7117, 78.1977

210.9150,
-54.6811, 38.6625

76.3040, -37.6179,
72.5244

230.5430,
-50.5537, 21.4488

50.0120, -24.6559,
68.3955

243.6000,
-43.6798, 9.9978

29.3020, -14.4459,
60.2481

246.9060,
-31.0127, 7.0984


20.3320, -10.0237,
41.8048


250.0980,


12.6720, -5.7543,


-18.7823, 4.2991


25.7207

 253.5180, -5.6784,
1.2997


 0.0000, 0.0000,
0.0000


 150.7940,
-74.3414, 91.3887

 161.2750,
-67.1836, 82.1968

 171.8700,
-59.5889, 72.9050

 181.8780,
-51.7049, 64.1280

 192.3590,
-44.5470, 54.9362

 202.9540,
-36.9523, 45.6443

■ 213.4350,
-29.7945, 36.4525

■ 224.0300,
-22.1998, 27.1607

■ 233.9240,
-14.7525, 18.4837

■ 244.5190, -7.1579,
9.1918

Harmonies

Analogous

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



138.2750, -23.3066, 102.3678



150.7940, -74.3414, 91.3887



151.9370, -74.9049, 38.6433

Triad

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



150.7940, -74.3414, 91.3887



133.1780, 12.7302, -116.7971



157.8720, 47.8841, -5.1497

Complementary

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



150.7940, -74.3414, 91.3887



104.2060, 74.3414, -91.3887

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.



130.6210, 61.3188, -114.5546



150.7940, -74.3414, 91.3887



142.0700, 46.8005, -124.5954

Square

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



150.7940, -74.3414, 91.3887



121.0090, -21.2034, -106.1249



140.6000, 56.3992, -123.3062



162.2230, 39.3301, 78.7344

Rectangle

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



150.7940, -74.3414, 91.3887



146.3900, -72.1703, 1.4120



140.6000, 56.3992, -123.3062



145.7800, 53.8455, -50.6731

Sweetspot

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



150.7940, -74.3414, 91.3887



224.0300, -22.1998, 27.1607



91.2930, 20.0686, 143.5710



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.



150.7940, -74.3414, 91.3887



223.5820, -110.2259, 27.5536



122.4090, -3.6526, 4.9033



112.8740, -55.6469, 68.5165



37.9200, -18.6946, 22.8722

Inverse Universe

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



104.2060, 74.3414, -91.3887



31.4180, 110.2259, -27.5536



120.0040, 3.9420, -4.3885



78.1260, 55.6469, -68.5165



26.0800, 18.6946, -22.8722

Previews

White Background



This preview shows how the YUV color 150.7940, -74.3414, 91.3887 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 150.7940, -74.3414, 91.3887 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 150.7940, -74.3414, 91.3887

Background



This preview shows how black text looks on a background with the YUV color 150.7940, -74.3414, 91.3887.



This preview shows how white text looks on a background with the YUV color 150.7940, -74.3414, 91.3887.

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

150.7940, -74.3414, 91.3887

Protanopia

153.7920, -64.9735, 26.4924

Deuteranopia

152.5790, -75.2214, 46.8502



Tritanopia

161.8640, -16.6950, 81.6803

Trichromacy



Original Color

150.7940, -74.3414, 91.3887

Protanomaly

153.0230, -68.5383, 49.9688

Deuteranomaly

152.0910, -74.9809, 63.0642

Tritanomaly

157.6800, -37.8032, 85.3496

Monochromacy



Original Color

150.7940, -74.3414, 91.3887

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.8090, -27.0208, 33.4935

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.7940, -74.3414, 91.3887 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, 127, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 127, 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, 127, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 127, 0) }
```

Border

The CSS property to change the border of an element to YUV 150.7940, -74.3414, 91.3887 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, 127, 0) }
```

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

```
.border{ border-color:rgb(255, 127, 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, 127, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 127, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 127, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 127,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 150.7940, -74.3414, 91.3887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 127, 0) }
```

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

```
.background{ background-color: rgb(255,  
127, 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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