

Converting Colors

YUV(174.1090, -78.9337,
70.9414)

Have a look what the booklet for
YUV(174.1090, -78.9337, 70.9414)
contains.

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Color

**YUV(174.1090, -78.9337,
70.9414)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA40E
RGB	255, 164, 14
RGB Percent	100%, 64%, 5%
CMY	0.0000, 0.3569, 0.9451
CMYK	0.00, 0.36, 0.95, 0.00
HSL	37°, 100%, 53%
HSV	37°, 95%, 100%
XYZ	54.5947, 47.8426, 6.7726
YIQ	174.1090, 102.3860, -27.3580

Conversions

Conversions Part 2

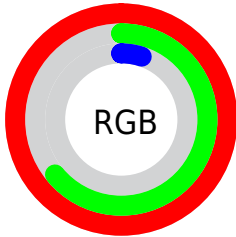
Format	Color
RYB	160, 255, 14
Decimal	16753678
CIELab	74.73, 24.57, 77.18
CIELCh	75, 80.998, 72.340
Yxy	47.8426, 0.4999, 0.4381
Android (android.graphics.Color)	4294943758 (0xFFFFA40E)
YUV	174.1090, -78.9337, 70.9414
Hunter-Lab	69.1684, 19.8458, 42.6125

Details

The YUV color **174.1090, -78.9337, 70.9414** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **94.8910, 78.9337, -70.9414**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.3740, -64.2744, 35.6290**, and **123.1520, -60.7139, 60.3797** is the 20% darker color. If you saturate the color by 10%, you get **169.5780, -83.6020, 74.9151**, and if you desaturate by 10%, it is **182.9430, -70.4709, 63.1940**.

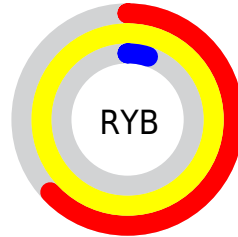
Distribution



Red (100%)

Green (64%)

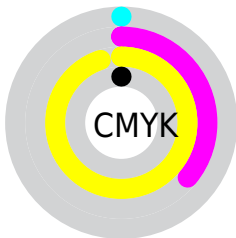
Blue (5%)



Red (63%)

Yellow (100%)

Blue (5%)

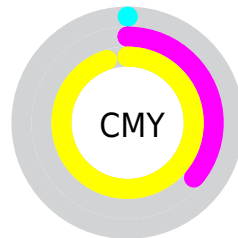


Cyan (0%)

Magenta (36%)

Yellow (95%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.1090, -78.9337, 70.9414 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 174.1090, -78.9337, 70.9414 by changing the saturation by 10% instead.

174.1090,
-78.9337, 70.9414

174.1090,
-78.9337, 70.9414

255.0000, 0.0000,
0.0000

147.6830,
-72.8077, 66.0530

214.3740,
-64.2744, 35.6290

123.1520,
-60.7139, 60.3797

234.5890,
-60.4364, 17.9004

99.2080, -48.9095,
54.1916

241.8900,
-50.2318, 11.4975

76.7370, -37.8313,
47.5887

245.0820,
-38.0014, 8.6981

54.2660, -26.7531,
40.9857

248.3880,
-25.3343, 5.7987

32.9800, -16.2591,
35.0975

251.6940,

14.0530, -6.9281,

-12.6671, 2.8994

28.8945

■ 1.4950, -0.7370,
3.0739

■ 0.0000, 0.0000,
0.0000

■ 174.1090,
-78.9337, 70.9414

■ 174.1090,
-78.9337, 70.9414

■ 169.5780,
-83.6020, 74.9151

■ 182.9430,
-70.4709, 63.1940

■ 191.0760,
-62.1555, 56.0613

■ 199.9100,
-53.6926, 48.3139

■ 208.6300,
-45.6666, 40.6665

■ 216.8770,
-36.9144, 33.4339

■ 225.5970,
-28.8883, 25.7864

■ 233.8440,
-20.1361, 18.5538

■ 242.5640,
-12.1101, 10.9064

■ 251.3980, -3.6472,
3.1590

Harmonies

Analogous

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



162.9460, -37.9344, 80.7314



174.1090, -78.9337, 70.9414



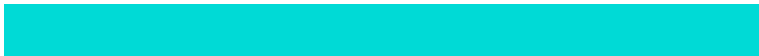
168.6390, -83.1390, 19.6106

Triad

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



174.1090, -78.9337, 70.9414



152.3620, 30.3875, -133.6215



184.1070, 34.9502, 36.7402

Complementary

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



174.1090, -78.9337, 70.9414



94.8910, 78.9337, -70.9414

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.



155.9370, 48.8381, -77.9977



174.1090, -78.9337, 70.9414



155.2750, 49.1644, -136.1762

Square

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



174.1090, -78.9337, 70.9414



141.7090, -2.8145, -124.2788



148.8180, 52.3477, -130.5134



170.6710, 29.7422, 73.9565

Rectangle

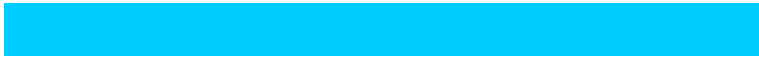
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



174.1090, -78.9337, 70.9414



164.0540, -62.6376, -22.8494



148.8180, 52.3477, -130.5134



180.3870, 36.7842, 8.4306

Sweetspot

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



174.1090, -78.9337, 70.9414



231.0570, -23.1991, 20.9980



96.5470, 4.6603, 138.9633



113.0050, -14.2995, 13.1506



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.



174.1090, -78.9337, 70.9414



169.5780, -83.6020, 74.9151



219.1540, -101.1409, 6.8809



123.5830, -4.2314, 3.8737



126.9620, -62.5923, 56.1613



42.6160, -21.0097, 18.7538

Inverse Universe

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



94.8910, 78.9337, -70.9414



85.4220, 83.6020, -74.9151



49.8460, 101.1409, -6.8809



119.4170, 4.2314, -3.8737



64.0380, 62.5923, -56.1613



21.3840, 21.0097, -18.7538

Previews

White Background



This preview shows how the YUV color 174.1090, -78.9337, 70.9414 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 174.1090, -78.9337, 70.9414 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 174.1090, -78.9337, 70.9414 Background



This preview shows how black text looks on a background with the YUV color 174.1090, -78.9337, 70.9414.



This preview shows how white text looks on a background with the YUV color 174.1090, -78.9337, 70.9414.

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

174.1090, -78.9337, 70.9414

Protanopia

173.4090, -74.1516, 30.3363

Deuteranopia

172.3920, -84.9893, 53.1532



Tritanopia

186.7410, -10.2253, 59.8631

Trichromacy



Original Color

174.1090, -78.9337, 70.9414

Protanomaly

173.4540, -75.6528, 45.2058

Deuteranomaly

173.0060, -82.8270, 59.6307

Tritanomaly

182.2320, -35.1174, 63.8175

Monochromacy



Original Color

174.1090, -78.9337, 70.9414

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.7110, -28.4515, 25.6865

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.1090, -78.9337, 70.9414 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, 164, 14)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 14)  
}
```

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, 164, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 14) }
```

Border

The CSS property to change the border of an element to YUV 174.1090, -78.9337, 70.9414 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, 164, 14) }
```


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

```
.border{ border-color:rgb(255, 164, 14) }
```

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

Here you see how a box with a 4 pixel rgb(255, 164, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 14);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
14) }
```

Background

The CSS property to change the background color of an element to YUV 174.1090, -78.9337, 70.9414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 14) }
```

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

```
.background{ background-color: rgb(255,  
164, 14) }
```

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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