

# Converting Colors

YUV(175.1180, -72.5292,  
70.0565)

Have a look what the booklet for  
YUV(175.1180, -72.5292, 70.0565)  
contains.

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# Color

**YUV(175.1180, -72.5292,  
70.0565)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | FFA31C                      |
| RGB         | 255, 163, 28                |
| RGB Percent | 100%, 64%, 11%              |
| CMY         | 0.0000, 0.3608, 0.8902      |
| CMYK        | 0.00, 0.36, 0.89, 0.00      |
| HSL         | 36°, 100%, 55%              |
| HSV         | 36°, 89%, 100%              |
| XYZ         | 54.5468, 47.5382, 7.3995    |
| YIQ         | 175.1180, 98.1670, -22.4810 |

# Conversions

## Conversions Part 2

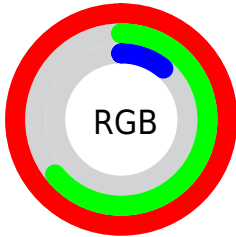
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">183, 255, 28</a>                                 |
| Decimal                             | <a href="#">16753436</a>                                     |
| CIELab                              | <a href="#">74.53, 25.28, 74.47</a>                          |
| CIELCh                              | <a href="#">75, 78.649, 71.249</a>                           |
| Yxy                                 | <a href="#">47.5382, 0.4982, 0.4342</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4294943516</a><br>( <a href="#">0xFFFFA31C</a> ) |
| YUV                                 | <a href="#">175.1180, -72.5292, 70.0565</a>                  |
| Hunter-Lab                          | <a href="#">68.9480, 20.5577, 41.9006</a>                    |

# Details

The YUV color **175.1180, -72.5292, 70.0565** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **107.8820, 72.5292, -70.0565**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.4710, -61.3642, 35.5439**, and **122.5650, -60.4245, 60.8945** is the 20% darker color. If you saturate the color by 10%, you get **166.3980, -80.5552, 77.7040**, and if you desaturate by 10%, it is **183.9520, -64.0663, 62.3091**.

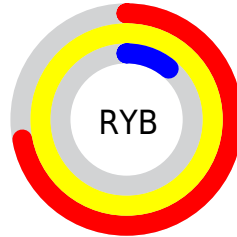
# Distribution



Red (100%)

Green (64%)

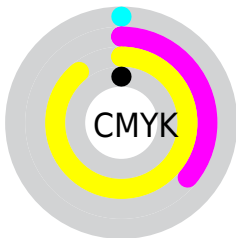
Blue (11%)



Red (72%)

Yellow (100%)

Blue (11%)

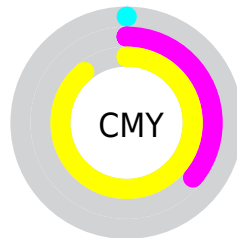


Cyan (0%)

Magenta (36%)

Yellow (89%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 175.1180, -72.5292, 70.0565 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 175.1180, -72.5292, 70.0565 by changing the saturation by 10% instead.



175.1180,  
-72.5292, 70.0565

175.1180,  
-72.5292, 70.0565

255.0000, 0.0000,  
0.0000

147.0960,  
-72.5183, 66.5678

214.4710,  
-61.3642, 35.5439

122.5650,  
-60.4245, 60.8945

234.6860,  
-57.5262, 17.8154

98.6210, -48.6202,  
54.7064

242.5740,  
-47.6110, 10.8976

76.1500, -37.5419,  
48.1035

245.7660,  
-35.3806, 8.0982

53.9780, -26.6112,  
42.1153

249.0720,  
-22.7135, 5.1989

31.8060, -15.6804,  
36.1271

252.3780,

14.0530, -6.9281,

-10.0464, 2.2995

28.8945

■ 1.1960, -0.5896,  
2.4591

■ 0.0000, 0.0000,  
0.0000

■ 175.1180,  
-72.5292, 70.0565

■ 175.1180,  
-72.5292, 70.0565

■ 166.3980,  
-80.5552, 77.7040

■ 183.9520,  
-64.0663, 62.3091

■ 165.4690,  
-81.5762, 78.5187

■ 193.2590,  
-56.3297, 54.1469

■ 202.0930,  
-47.8668, 46.3994

■ 210.8130,  
-39.8408, 38.7520

■ 220.2340,  
-31.6674, 30.4898

■ 228.9540,  
-23.6413, 22.8423

■ 237.7880,  
-15.1785, 15.0949

■ 247.0950, -7.4418,  
6.9327

255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



164.1030, -36.0398, 79.7167



175.1180, -72.5292, 70.0565



168.6500, -83.1445, 21.3549

# Triad

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



175.1180, -72.5292, 70.0565



151.2050, 28.4929, -132.6068



183.7860, 35.1085, 32.6367

# Complementary

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



175.1180, -72.5292, 70.0565



107.8820, 72.5292, -70.0565

# 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.



155.9260, 48.8435, -79.7421



175.1180, -72.5292, 70.0565



154.6880, 49.4538, -135.6614

# Square

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



175.1180, -72.5292, 70.0565



140.8940, -3.3987, -123.5640



148.8180, 52.3477, -130.5134



172.5460, 29.3108, 72.3122



# Rectangle

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



175.1180, -72.5292, 70.0565



165.4180, -61.3381, -19.6606



148.8180, 52.3477, -130.5134



180.0660, 36.9425, 4.3271

# Sweetspot

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



175.1180, -72.5292, 70.0565



230.6980, -22.0361, 21.3129



106.7030, 8.0344, 130.0565



113.3470, -12.9891, 12.8507



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.



175.1180, -72.5292, 70.0565



165.4690, -81.5762, 78.5187



223.4410, -96.3524, 11.0142



122.9960, -3.9420, 4.3885



124.0270, -61.1453, 58.7353



41.4420, -20.4309, 19.7834



# Inverse Universe

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



107.8820, 72.5292, -70.0565



89.5310, 81.5762, -78.5187



59.5590, 96.3524, -11.0142



119.4170, 4.2314, -3.8737



67.5600, 60.8559, -59.2501



22.5580, 20.4309, -19.7834



# Previews

## White Background



This preview shows how the YUV color 175.1180, -72.5292, 70.0565 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 175.1180, -72.5292, 70.0565 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 175.1180, -72.5292, 70.0565

## Background



This preview shows how black text looks on a background with the YUV color 175.1180, -72.5292, 70.0565.



This preview shows how white text looks on a background with the YUV color 175.1180, -72.5292, 70.0565.



# 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

175.1180, -72.5292, 70.0565

### Protanopia

173.7770, -68.9101, 29.1366

### Deuteranopia

173.4440, -77.1269, 51.3536



## Tritanopia

186.0400, -10.3727, 60.4779

# Trichromacy



## Original Color

175.1180, -72.5292, 70.0565

## Protanomaly

173.9360, -69.9744, 43.9061

## Deuteranomaly

173.9440, -75.4014, 57.9311

## Tritanomaly

182.1010, -33.0808, 63.9324

# Monochromacy



## Original Color

175.1180, -72.5292, 70.0565

## Achromatopsia

175.0000, 0.0000, 0.0000

## Achromatomaly

175.2810, -26.2675, 25.1866

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 175.1180, -72.5292, 70.0565 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, 163, 28)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 28)  
}
```

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, 163, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 28) }
```

## Border

The CSS property to change the border of an element to YUV 175.1180, -72.5292, 70.0565 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, 163, 28) }
```



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

```
.border{ border-color:rgb(255, 163, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 28);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
28) }
```

# Background

The CSS property to change the background color of an element to YUV 175.1180, -72.5292, 70.0565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 28) }
```

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

```
.background{ background-color: rgb(255,  
163, 28) }
```

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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