

Converting Colors

YUV(175.5300, -30.3343,
69.6952)

Have a look what the booklet for
YUV(175.5300, -30.3343, 69.6952)
contains.

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Color

**YUV(175.5300, -30.3343,
69.6952)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9372
RGB	255, 147, 114
RGB Percent	100%, 58%, 45%
CMY	0.0000, 0.4235, 0.5529
CMYK	0.00, 0.42, 0.55, 0.00
HSL	14°, 100%, 72%
HSV	14°, 55%, 100%
XYZ	54.7110, 43.3423, 21.4019
YIQ	175.5300, 74.9610, 12.6330

Conversions

Conversions Part 2

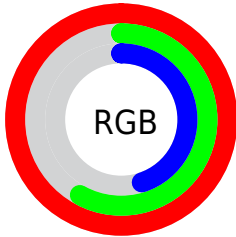
Format	Color
R_{YB}	255, 157, 114
Decimal	16749426
CIE _{Lab}	71.79, 37.53, 35.07
CIE _{LCh}	72, 51.369, 43.056
Yxy	43.3423, 0.4580, 0.3628
Android (android.graphics.Color)	4294939506 (0xFFFF9372)
YUV	175.5300, -30.3343, 69.6952
Hunter-Lab	65.8349, 33.1283, 26.8102

Details

The YUV color **175.5300, -30.3343, 69.6952** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **193.4700, 30.3343, -69.6952**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.7430, -23.5373, 36.1824**, and **121.1810, -27.6972, 63.8623** is the 20% darker color. If you saturate the color by 10%, you get **160.9400, -35.4664, 82.4906**, and if you desaturate by 10%, it is **190.2340, -24.7654, 56.7998**.

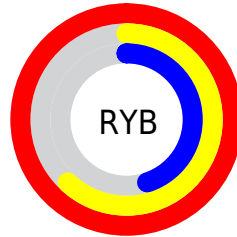
Distribution



Red (100%)

Green (58%)

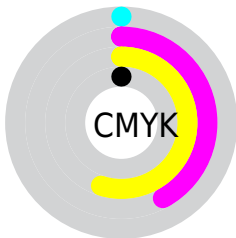
Blue (45%)



Red (100%)

Yellow (62%)

Blue (45%)

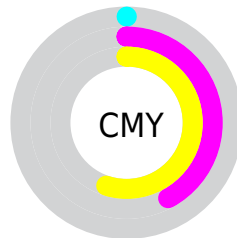


Cyan (0%)

Magenta (42%)

Yellow (55%)

Black (0%)



Cyan (0%)

Magenta (42%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.5300, -30.3343, 69.6952 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 175.5300, -30.3343, 69.6952 by changing the saturation by 10% instead.

175.5300,
-30.3343, 69.6952

175.5300,
-30.3343, 69.6952

255.0000, 0.0000,
0.0000

147.5620,
-28.8711, 67.0361

213.7430,
-23.5373, 36.1824

121.1810,
-27.6972, 63.8623

233.9580,
-19.6993, 18.4538

94.3270, -25.7972,
61.1032

251.2380,
-14.4143, 3.2993

68.4730, -23.8972,
58.3442

254.4300, -2.1840,
0.4999

41.6730, -20.5448,
56.4148

23.0230, -11.3503,
47.3378

15.3630, -7.0810,

31.2536

■ 1.7940, -0.8844,
3.6887

■ 0.0000, 0.0000,
0.0000

■ 175.5300,
-30.3343, 69.6952

■ 175.5300,
-30.3343, 69.6952

■ 160.9400,
-35.4664, 82.4906

■ 190.2340,
-24.7654, 56.7998

■ 146.8230,
-41.3247, 94.8712

■ 204.2370,
-19.3438, 44.5192

■ 132.1190,
-46.8937, 107.7666

■ 218.9410,
-13.7749, 31.6237

■ 118.1160,
-52.3152, 120.0473

■ 232.9440, -8.3534,
19.3431

■ 111.4650,
-54.9522, 125.8802

■ 247.6480, -2.7845,
6.4477

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.



174.5620, -8.6581, 70.5441



175.5300, -30.3343, 69.6952



173.5320, -43.6463, 46.0144

Triad

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



175.5300, -30.3343, 69.6952



150.0270, -1.4923, -81.5847



171.5730, 41.1295, -32.0745

Complementary

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



175.5300, -30.3343, 69.6952



193.4700, 30.3343, -69.6952

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.



139.4260, 56.9780, -122.2766



175.5300, -30.3343, 69.6952



139.7440, 27.7342, -122.5555

Square

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



175.5300, -30.3343, 69.6952



163.5550, -28.8676, -27.6737



142.8850, 47.3847, -125.3101



181.0960, 31.5047, 21.8408

Rectangle

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



175.5300, -30.3343, 69.6952



171.2320, -45.4704, 24.3525



142.8850, 47.3847, -125.3101



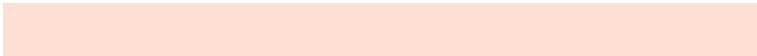
164.6410, 44.5470, -54.9362

Sweetspot

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



175.5300, -30.3343, 69.6952



230.7270, -9.2324, 21.2874



168.4710, 26.3898, 75.8859



113.2960, -5.5689, 12.8954



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.



175.5300, -30.3343, 69.6952



160.1250, -36.0506, 83.2054



216.6200, -50.5917, 33.6593



120.6480, -2.7845, 6.4477



83.5240, -41.1773, 94.2565



27.9410, -13.7749, 31.6237

Inverse Universe

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



193.4700, 30.3343, -69.6952



181.8750, 36.0506, -83.2054



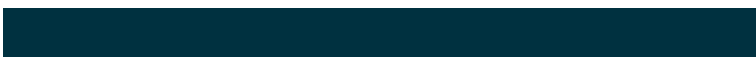
152.3800, 50.5917, -33.6593



122.3520, 2.7845, -6.4477



107.4760, 41.1773, -94.2565



36.0590, 13.7749, -31.6237

Previews

White Background



This preview shows how the YUV color 175.5300, -30.3343, 69.6952 looks on a white background.

Color Contrast Check

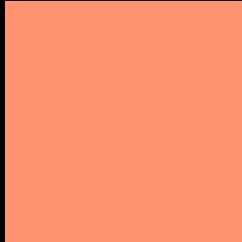
Large Text (above 18pt) WCAG AA × Fail

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 175.5300, -30.3343, 69.6952 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 175.5300, -30.3343, 69.6952 Background



This preview shows how black text looks on a background with the YUV color 175.5300, -30.3343, 69.6952.



This preview shows how white text looks on a background with the YUV color 175.5300, -30.3343,

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

175.5300, -30.3343, 69.6952

Protanopia

174.4860, -23.9036, 13.6058

Deuteranopia

174.8430, -31.9676, 33.4637



Tritanopia

177.6280, -12.1416, 67.8552

Trichromacy



Original Color

175.5300, -30.3343, 69.6952

Protanomaly

174.7490, -26.0053, 34.4231

Deuteranomaly

174.7460, -31.4268, 46.7038

Tritanomaly

176.6190, -18.5462, 68.7401

Monochromacy



Original Color

175.5300, -30.3343, 69.6952

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

175.5920, -11.1379, 25.7908

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.5300, -30.3343, 69.6952 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, 147, 114)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 114)  
}
```

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, 147, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 114) }
```

Border

The CSS property to change the border of an element to YUV 175.5300, -30.3343, 69.6952 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, 147, 114) }
```


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

```
.border{ border-color:rgb(255, 147, 114) }
```

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

Here you see how a box with a 4 pixel rgb(255, 147, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 114);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 175.5300, -30.3343, 69.6952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 147, 114) }
```

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

```
.background{ background-color: rgb(255,  
147, 114) }
```

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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