

Converting Colors

YUV(173.7690, -29.4661,
71.2396)

Have a look what the booklet for
YUV(173.7690, -29.4661, 71.2396)
contains.

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Color

**YUV(173.7690, -29.4661,
71.2396)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9072
RGB	255, 144, 114
RGB Percent	100%, 56%, 45%
CMY	0.0000, 0.4353, 0.5529
CMYK	0.00, 0.44, 0.55, 0.00
HSL	13°, 100%, 72%
HSV	13°, 55%, 100%
XYZ	54.2505, 42.4214, 21.2484
YIQ	173.7690, 75.7860, 14.2020

Conversions

Conversions Part 2

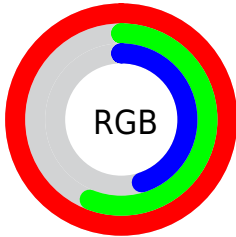
Format	Color
R _Y B	255, 152, 114
Decimal	16748658
CIE Lab	71.16, 39.06, 34.27
CIE LCh	71, 51.965, 41.260
Yxy	42.4214, 0.4601, 0.3597
Android (android.graphics.Color)	4294938738 (0xFFFF9072)
YUV	173.7690, -29.4661, 71.2396
Hunter-Lab	65.1317, 34.6984, 26.2496

Details

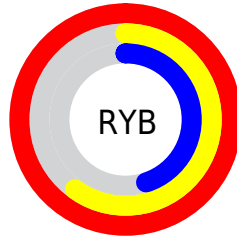
The YUV color **173.7690, -29.4661, 71.2396** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **195.2310, 29.4661, -71.2396**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.9820, -22.6691, 37.7268**, and **119.4200, -26.8291, 65.4067** is the 20% darker color. If you saturate the color by 10%, you get **159.1790, -34.5982, 84.0350**, and if you desaturate by 10%, it is **188.4730, -23.8972, 58.3442**.

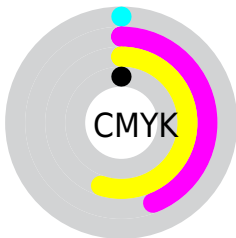
Distribution



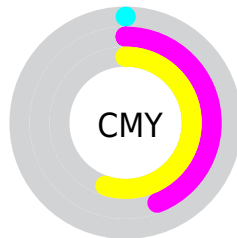
- Red (100%)
- Green (56%)
- Blue (45%)



- Red (100%)
- Yellow (60%)
- Blue (45%)



- Cyan (0%)
- Magenta (44%)
- Yellow (55%)
- Black (0%)



- Cyan (0%)
- Magenta (44%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.7690, -29.4661, 71.2396 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 173.7690, -29.4661, 71.2396 by changing the saturation by 10% instead.

173.7690,
-29.4661, 71.2396

173.7690,
-29.4661, 71.2396

255.0000, 0.0000,
0.0000

145.8010,
-28.0029, 68.5805

211.9820,
-22.6691, 37.7268

119.4200,
-26.8291, 65.4067

232.1970,
-18.8311, 19.9982

92.6800, -24.4922,
62.5476

251.2380,
-14.4143, 3.2993

66.8260, -22.5922,
59.7886

254.4300, -2.1840,
0.4999

38.1510, -18.8084,
59.5036

23.0230, -11.3503,
47.3378

15.3630, -7.0810,

31.2536

■ 0.8970, -0.4422,
1.8443

■ 0.0000, 0.0000,
0.0000

■ 173.7690,
-29.4661, 71.2396

■ 173.7690,
-29.4661, 71.2396

■ 159.1790,
-34.5982, 84.0350

■ 188.4730,
-23.8972, 58.3442

■ 144.4750,
-40.1672, 96.9304

■ 203.0630,
-18.7651, 45.5487

■ 129.7710,
-45.7361, 109.8258

■ 217.7670,
-13.1961, 32.6533

■ 115.1810,
-50.8682, 122.6213

■ 232.3570, -8.0640,
19.8579

■ 107.9430,
-53.2159, 128.9690

■ 247.0610, -2.4951,
6.9625

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.



172.9150, -7.3531, 71.9885



173.7690, -29.4661, 71.2396



171.8420, -43.7991, 48.3736

Triad

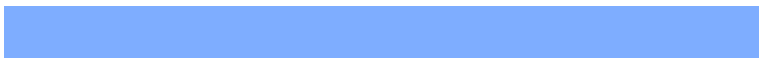
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



173.7690, -29.4661, 71.2396



148.8810, -3.3923, -78.8256



168.2950, 42.7456, -37.0927

Complementary

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



173.7690, -29.4661, 71.2396



195.2310, 29.4661, -71.2396

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.



138.8390, 57.2674, -121.7618



173.7690, -29.4661, 71.2396



138.0000, 26.1290, -121.0260

Square

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



173.7690, -29.4661, 71.2396



162.1100, -30.6202, -25.5295



141.8420, 45.9269, -124.3954



179.1280, 32.9679, 19.1817

Rectangle

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



173.7690, -29.4661, 71.2396



169.4280, -46.0600, 26.8116



141.8420, 45.9269, -124.3954



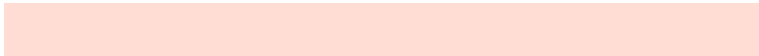
161.3520, 46.1685, -61.6987

Sweetspot

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



173.7690, -29.4661, 71.2396



230.1400, -8.9430, 21.8022



169.0410, 28.5738, 75.3860



112.7090, -5.2795, 13.4102



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.



173.7690, -29.4661, 71.2396



158.3640, -35.1825, 84.7498



214.2720, -49.4341, 35.7185



120.0610, -2.4951, 6.9625



81.1760, -40.0198, 96.3156



27.3540, -13.4855, 32.1385

Inverse Universe

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



195.2310, 29.4661, -71.2396



183.6360, 35.1825, -84.7498



154.7280, 49.4341, -35.7185



122.3520, 2.7845, -6.4477



110.4110, 39.7304, -96.8304



36.6460, 13.4855, -32.1385

Previews

White Background



This preview shows how the YUV color 173.7690, -29.4661, 71.2396 looks on a white background.

Color Contrast Check

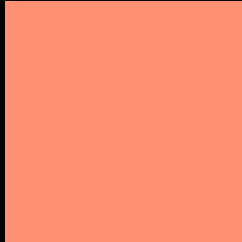
Large Text (above 18pt) WCAG AA × Fail

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 173.7690, -29.4661, 71.2396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

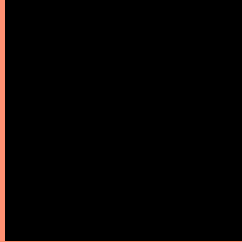
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 173.7690, -29.4661, 71.2396

Background



This preview shows how black text looks on a background with the YUV color 173.7690, -29.4661, 71.2396.



This preview shows how white text looks on a background with the YUV color 173.7690, -29.4661, 71.2396.

71.2396.

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

173.7690, -29.4661, 71.2396

Protanopia

172.8280, -22.5932, 13.3058

Deuteranopia

173.6580, -31.3834, 32.7489



Tritanopia

176.1120, -12.8732, 69.1848

Trichromacy



Original Color

173.7690, -29.4661, 71.2396

Protanomaly

172.9770, -25.1317, 34.2232

Deuteranomaly

173.8600, -30.9900, 46.6038

Tritanomaly

175.2170, -18.8410, 69.9697

Monochromacy



Original Color

173.7690, -29.4661, 71.2396

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.7060, -10.7011, 25.6908

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.7690, -29.4661, 71.2396 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, 144, 114)` looks like.

```
.text, #text, p{  
    color:rgb(255, 144, 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, 144, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 144, 114) }
```

Border

The CSS property to change the border of an element to YUV 173.7690, -29.4661, 71.2396 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, 144, 114) }
```


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

```
.border{ border-color:rgb(255, 144, 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, 144, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 144, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 144, 114);  
box-shadow:4px 4px 4px 4px rgb(255, 144,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 173.7690, -29.4661, 71.2396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 144, 114) }
```

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

```
.background{ background-color: rgb(255,  
144, 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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