

Converting Colors

YUV(172.1100, -43.4382,
72.6945)

Have a look what the booklet for
YUV(172.1100, -43.4382, 72.6945)
contains.

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Color

**YUV(172.1100, -43.4382,
72.6945)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9354
RGB	255, 147, 84
RGB Percent	100%, 58%, 33%
CMY	0.0000, 0.4235, 0.6706
CMYK	0.00, 0.42, 0.67, 0.00
HSL	22°, 100%, 66%
HSV	22°, 67%, 100%
XYZ	53.2740, 42.7675, 13.8346
YIQ	172.1100, 84.5910, 3.3030

Conversions

Conversions Part 2

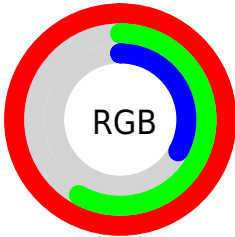
Format	Color
RYB	255, 184, 84
Decimal	16749396
CIELab	71.40, 35.54, 50.14
CIELCh	71, 61.457, 54.669
Yxy	42.7675, 0.4849, 0.3892
Android (android.graphics.Color)	4294939476 (0xFFFF9354)
YUV	172.1100, -43.4382, 72.6945
Hunter-Lab	65.3969, 30.9660, 33.2351

Details

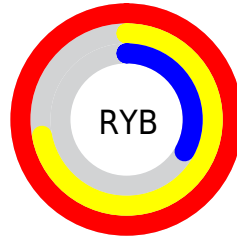
The YUV color **172.1100, -43.4382, 72.6945** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **166.8900, 43.4382, -72.6945**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.3230, -36.6412, 39.1817**, and **117.3480, -41.0906, 66.3468** is the 20% darker color. If you saturate the color by 10%, you get **159.7540, -50.1647, 83.5307**, and if you desaturate by 10%, it is **184.3520, -37.1485, 61.9583**.

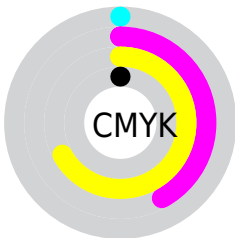
Distribution



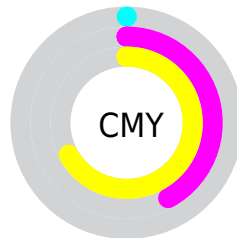
- Red (100%)
- Green (58%)
- Blue (33%)



- Red (100%)
- Yellow (72%)
- Blue (33%)



- Cyan (0%)
- Magenta (42%)
- Yellow (67%)
- Black (0%)



- Cyan (0%)
- Magenta (42%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.1100, -43.4382, 72.6945 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 172.1100, -43.4382, 72.6945 by changing the saturation by 10% instead.

172.1100,
-43.4382, 72.6945

172.1100,
-43.4382, 72.6945

255.0000, 0.0000,
0.0000

144.7290,
-42.2644, 69.5207

210.3230,
-36.6412, 39.1817

117.3480,
-41.0906, 66.3468

229.7230,
-33.3874, 22.1679

90.3970, -42.1007,
63.6728

247.5900,
-28.3919, 6.4986

66.1820, -32.6277,
58.5994

250.7820,
-16.1615, 3.6992

42.5370, -20.9707,
53.0261

254.0880, -3.4944,
0.7998

22.1260, -10.9081,
45.4935

14.7650, -6.7861,

30.0241

■ 0.0000, 0.0000,
0.0000

■ 172.1100,
-43.4382, 72.6945

■ 172.1100,
-43.4382, 72.6945

■ 159.7540,
-50.1647, 83.5307

■ 184.3520,
-37.1485, 61.9583

■ 147.5120,
-56.4544, 94.2670

■ 196.7080,
-30.4220, 51.1221

■ 135.2700,
-62.7441, 105.0032

■ 209.0640,
-23.6956, 40.2859

■ 131.4230,
-64.7915, 108.3770

■ 221.3060,
-17.4059, 29.5496

■ 234.1350,
-11.4056, 18.2986

246.4910, -4.6791,
7.4624

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.



166.3150, -17.4103, 77.7767



172.1100, -43.4382, 72.6945



169.5730, -55.9915, 38.9625

Triad

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



172.1100, -43.4382, 72.6945



137.1560, 12.7411, -120.2858



173.1780, 40.3382, -11.5571

Complementary

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



172.1100, -43.4382, 72.6945



166.8900, 43.4382, -72.6945

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.



137.0780, 58.1355, -120.2174



172.1100, -43.4382, 72.6945



143.6540, 37.6386, -125.9846

Square

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



172.1100, -43.4382, 72.6945



153.5620, -22.9551, -57.4979



144.7090, 54.3735, -126.9098



180.0930, 29.5342, 47.2764

Rectangle

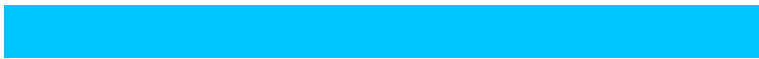
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



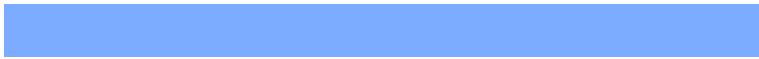
172.1100, -43.4382, 72.6945



166.3800, -53.4313, 11.0677



144.7090, 54.3735, -126.9098



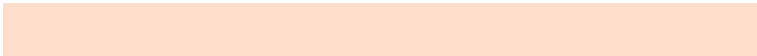
167.1100, 43.3298, -37.8075

Sweetspot

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



172.1100, -43.4382, 72.6945



230.4020, -13.0162, 21.5724



147.4410, 21.9676, 94.3292



112.7260, -7.7529, 13.3953



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.



172.1100, -43.4382, 72.6945



156.0210, -51.7754, 86.8046



222.0050, -68.0365, 28.9366



121.2350, -3.0739, 5.9329



98.1990, -48.4121, 81.3865



32.6370, -16.0900, 27.5054

Inverse Universe

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



166.8900, 43.4382, -72.6945



149.9790, 51.7754, -86.8046



116.9950, 68.0365, -28.9366



121.1780, 3.3632, -5.4181



92.8010, 48.4121, -81.3865



30.7760, 16.3794, -26.9906

Previews

White Background



This preview shows how the YUV color 172.1100, -43.4382, 72.6945 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 172.1100, -43.4382, 72.6945 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 172.1100, -43.4382, 72.6945

Background



This preview shows how black text looks on a background with the YUV color 172.1100, -43.4382, 72.6945.



This preview shows how white text looks on a background with the YUV color 172.1100, -43.4382, 72.6945.

72.6945.

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

172.1100, -43.4382, 72.6945

Protanopia

171.0340, -38.4708, 19.2642

Deuteranopia

171.9180, -45.8086, 39.5369



Tritanopia

176.8130, -12.7258, 68.5700

Trichromacy



Original Color

172.1100, -43.4382, 72.6945

Protanomaly

171.6990, -40.2776, 38.8520

Deuteranomaly

172.2230, -44.9729, 51.5474

Tritanomaly

175.2510, -23.7877, 69.9399

Monochromacy



Original Color

172.1100, -43.4382, 72.6945

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.0390, -15.7952, 26.2758

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.1100, -43.4382, 72.6945 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, 84)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 84)  
}
```

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, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 84) }
```

Border

The CSS property to change the border of an element to YUV 172.1100, -43.4382, 72.6945 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, 84) }
```


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

```
.border{ border-color:rgb(255, 147, 84) }
```

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, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 84);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
84) }
```

Background

The CSS property to change the background color of an element to YUV 172.1100, -43.4382, 72.6945 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, 84) }
```

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

```
.background{ background-color: rgb(255,  
147, 84) }
```

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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