

Converting Colors

YUV(171.0770, -43.4220,
67.4615)

Have a look what the booklet for
YUV(171.0770, -43.4220, 67.4615)
contains.

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Color

**YUV(171.0770, -43.4220,
67.4615)**

Conversions

Conversions Part 1

Format	Color
Hex	F89553
RGB	248, 149, 83
RGB Percent	97%, 58%, 33%
CMY	0.0275, 0.4157, 0.6745
CMYK	0.00, 0.40, 0.67, 0.03
HSL	24°, 92%, 65%
HSV	24°, 67%, 97%
XYZ	51.0202, 42.0759, 13.6160
YIQ	171.0770, 80.1900, 0.4620

Conversions

Conversions Part 2

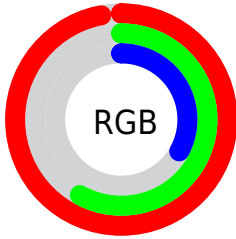
Format	Color
R_{YB}	248, 193, 83
Decimal	16291155
CIE _{Lab}	70.92, 31.68, 49.85
CIE _{LCh}	71, 59.071, 57.562
Yxy	42.0759, 0.4781, 0.3943
Android (android.graphics.Color)	4294481235 (0xFFFF89553)
YUV	171.0770, -43.4220, 67.4615
Hunter-Lab	64.8659, 26.8835, 32.9606

Details

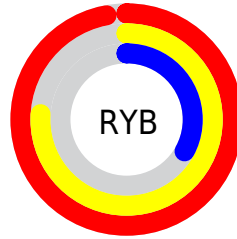
The YUV color **171.0770, -43.4220, 67.4615** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **159.9230, 43.4220, -67.4615**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.3830, -37.6568, 38.2521**, and **116.6140, -41.2217, 61.7285** is the 20% darker color. If you saturate the color by 10%, you get **159.4220, -50.0010, 77.6829**, and if you desaturate by 10%, it is **182.7320, -36.8429, 57.2400**.

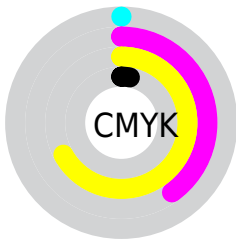
Distribution



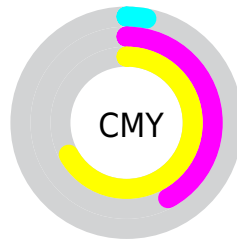
- Red (97%)
- Green (58%)
- Blue (33%)



- Red (97%)
- Yellow (76%)
- Blue (33%)



- Cyan (0%)
- Magenta (40%)
- Yellow (67%)
- Black (3%)



- Cyan (3%)
- Magenta (42%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.0770, -43.4220, 67.4615 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 171.0770, -43.4220, 67.4615 by changing the saturation by 10% instead.

171.0770,
-43.4220, 67.4615

171.0770,
-43.4220, 67.4615

255.0000, 0.0000,
0.0000

143.6960,
-42.2481, 64.2876

211.3830,
-37.6568, 38.2521

116.6140,
-41.2217, 61.7285

230.7830,
-34.4030, 21.2383

89.3640, -42.0845,
58.4398

247.4760,
-28.8287, 6.5985

66.1490, -32.6115,
53.3663

250.6680,
-16.5983, 3.7992

43.3900, -21.3913,
47.8930

253.9740, -3.9312,
0.8998

20.6310, -10.1711,
42.4196

13.5690, -6.1965,

27.5650

■ 0.0000, 0.0000,
0.0000

■ 171.0770,
-43.4220, 67.4615

■ 171.0770,
-43.4220, 67.4615

■ 159.4220,
-50.0010, 77.6829

■ 182.7320,
-36.8429, 57.2400

■ 147.7670,
-56.5801, 87.9043

■ 194.3870,
-30.2638, 47.0186

■ 136.2260,
-62.7224, 98.0258

■ 205.9280,
-24.1215, 36.8971

■ 132.2650,
-65.2066, 101.4996

■ 217.5830,
-17.5424, 26.6757

■ 228.6510,
-10.6739, 16.9691

■ 240.3060, -4.0949,
6.7476

■ 251.7330, 1.6106,
-3.2738

■ 252.9070, 1.0318,
-4.3034

Harmonies

Analogous

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



167.6200, -20.0257, 76.6323



171.0770, -43.4220, 67.4615



167.9360, -53.2124, 34.2591

Triad

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



171.0770, -43.4220, 67.4615



136.4380, 15.0671, -119.6561



173.8090, 40.0272, -5.0945

Complementary

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



171.0770, -43.4220, 67.4615



159.9230, 43.4220, -67.4615

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.



139.8020, 56.7926, -109.4514



171.0770, -43.4220, 67.4615



142.1210, 39.3803, -124.6401

Square

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



171.0770, -43.4220, 67.4615



152.1640, -19.3079, -60.6568



142.9480, 55.2416, -125.3654



178.3060, 26.4711, 49.7206

Rectangle

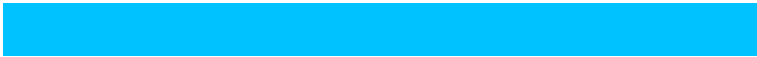
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



171.0770, -43.4220, 67.4615



164.6830, -49.6367, 7.2940



142.9480, 55.2416, -125.3654



168.6490, 42.5710, -27.7562

Sweetspot

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



171.0770, -43.4220, 67.4615



230.9890, -13.3056, 21.0576



143.6210, 18.9208, 91.5404



113.3130, -8.0423, 12.8805



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.



171.0770, -43.4220, 67.4615



160.1300, -53.8011, 83.2010



219.2110, -67.1520, 25.2480



118.8220, -3.3632, 5.4181



100.5360, -49.5642, 77.5829



32.3270, -15.9372, 25.1462

Inverse Universe

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



159.9230, 43.4220, -67.4615



145.8700, 53.8011, -83.2010



111.2020, 67.4414, -24.7332



118.1780, 3.3632, -5.4181



87.8770, 49.8536, -77.0681



28.6730, 15.9372, -25.1462

Previews

White Background



This preview shows how the YUV color 171.0770, -43.4220, 67.4615 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 171.0770, -43.4220, 67.4615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

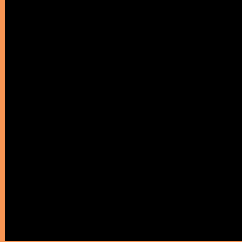
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.0770, -43.4220, 67.4615

Background



This preview shows how black text looks on a background with the YUV color 171.0770, -43.4220, 67.4615.



This preview shows how white text looks on a background with the YUV color 171.0770, -43.4220, 67.4615.

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

171.0770, -43.4220, 67.4615

Protanopia

169.9200, -38.9076, 19.3642

Deuteranopia

170.7330, -45.2244, 38.8222



Tritanopia

175.3290, -11.9942, 67.2405

Trichromacy



Original Color

171.0770, -43.4220, 67.4615

Protanomaly

170.2750, -40.5616, 36.5928

Deuteranomaly

170.9130, -44.8201, 49.1883

Tritanomaly

173.9410, -23.6349, 67.5807

Monochromacy



Original Color

171.0770, -43.4220, 67.4615

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.0280, -15.7898, 24.5314

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.0770, -43.4220, 67.4615 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(248, 149, 83)` looks like.

```
.text, #text, p{  
    color:rgb(248, 149, 83)  
}
```

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(248, 149, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 149, 83) }
```

Border

The CSS property to change the border of an element to YUV 171.0770, -43.4220, 67.4615 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(248, 149, 83) }
```


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

```
.border{ border-color:rgb(248, 149, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 149, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 149, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 149, 83);  
box-shadow:4px 4px 4px 4px rgb(248, 149,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 171.0770, -43.4220, 67.4615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 149, 83) }
```

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

```
.background{ background-color: rgb(248,  
149, 83) }
```

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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