

Converting Colors

YUV(171.0700, -19.2615,
64.8366)

Have a look what the booklet for
YUV(171.0700, -19.2615, 64.8366)
contains.

YUV(171.0700, -19.2615, 64.8366)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(171.0700, -19.2615,
64.8366)**

Conversions

Conversions Part 1

Format	Color
Hex	F58D84
RGB	245, 141, 132
RGB Percent	96%, 55%, 52%
CMY	0.0392, 0.4471, 0.4824
CMYK	0.00, 0.42, 0.46, 0.04
HSL	5°, 85%, 74%
HSV	5°, 46%, 96%
XYZ	51.3459, 40.1282, 26.8691
YIQ	171.0700, 64.8730, 19.2490

Conversions

Conversions Part 2

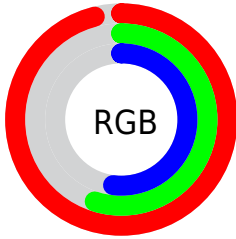
Format	Color
RYB	245, 142, 132
Decimal	16092548
CIELab	69.56, 38.42, 22.07
CIElCh	70, 44.309, 29.876
Yxy	40.1282, 0.4339, 0.3391
Android (android.graphics.Color)	4294282628 (0xFFFF58D84)
YUV	171.0700, -19.2615, 64.8366
Hunter-Lab	63.3468, 33.8268, 19.1944

Details

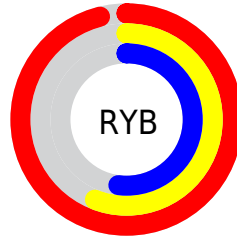
The YUV color **171.0700, -19.2615, 64.8366** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **205.9300, 19.2615, -64.8366**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.3870, -13.5018, 37.3716**, and **117.0200, -16.7719, 59.6185** is the 20% darker color. If you saturate the color by 10%, you get **154.8330, -23.0887, 79.0765**, and if you desaturate by 10%, it is **187.4210, -14.9976, 50.4968**.

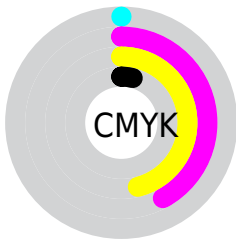
Distribution



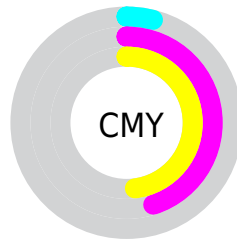
- Red (96%)
- Green (55%)
- Blue (52%)



- Red (96%)
- Yellow (56%)
- Blue (52%)



- Cyan (0%)
- Magenta (42%)
- Yellow (46%)
- Black (4%)



- Cyan (4%)
- Magenta (45%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.0700, -19.2615, 64.8366 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 171.0700, -19.2615, 64.8366 by changing the saturation by 10% instead.

171.0700,
-19.2615, 64.8366

171.0700,
-19.2615, 64.8366

255.0000, 0.0000,
0.0000

143.9880,
-18.2351, 62.2775

212.3870,
-13.5018, 37.3716

117.0200,
-16.7719, 59.6185

232.0150, -9.3744,
20.1578

90.3510, -15.4560,
57.5742

252.2300, -5.5364,
2.4293

64.6110, -13.1192,
54.7152

36.2350, -9.4829,
55.0449

21.5280, -10.6133,
44.2639

14.2810, -6.0545,

28.6946

■ 0.0000, 0.0000,
0.0000

■ 171.0700,
-19.2615, 64.8366

■ 171.0700,
-19.2615, 64.8366

■ 154.8330,
-23.0887, 79.0765

■ 187.4210,
-14.9976, 50.4968

■ 139.0690,
-27.6420, 92.9015

■ 203.0710,
-10.8810, 36.7717

■ 122.8320,
-31.4692, 107.1413

■ 219.4220, -6.6170,
22.4319

■ 107.0680,
-36.0225, 120.9664

■ 235.0720, -2.5005,
8.7069

■ 90.8310, -39.8497,
135.2062

■ 251.4230, 1.7635,
-5.6330

■ 84.9950, -41.9025,
140.3244

■ 252.0100, 1.4741,
-6.1478

Harmonies

Analogous

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



172.9830, -0.4846, 62.2819



171.0700, -19.2615, 64.8366



169.1980, -33.6216, 50.6924

Triad

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



171.0700, -19.2615, 64.8366



155.4570, -13.5363, -45.1278



161.7340, 43.5151, -50.6327

Complementary

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



171.0700, -19.2615, 64.8366



205.9300, 19.2615, -64.8366

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.



135.8410, 50.8574, -119.1326



171.0700, -19.2615, 64.8366



137.5480, 15.0128, -102.2126

Square

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



171.0700, -19.2615, 64.8366



162.2910, -31.6955, -7.2712



135.3560, 36.3065, -118.7072



172.4200, 33.3169, 0.5087

Rectangle

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



171.0700, -19.2615, 64.8366



167.8340, -38.3722, 34.3486



135.3560, 36.3065, -118.7072



154.8840, 45.9062, -70.9353

Sweetspot

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



171.0700, -19.2615, 64.8366



231.5250, -6.1748, 20.5876



177.7570, 29.2068, 58.9721



113.7520, -3.8217, 12.4955



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.



171.0700, -19.2615, 64.8366



163.3170, -23.8203, 80.4060



203.3550, -35.1780, 36.5227



114.1750, -2.0583, 6.8625



64.4190, -31.7586, 106.6265



20.5760, -10.1440, 33.6978

Inverse Universe

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



205.9300, 19.2615, -64.8366



206.6830, 23.8203, -80.4060



173.6450, 35.1780, -36.5227



117.8250, 2.0583, -6.8625



121.5810, 31.7586, -106.6265



38.4240, 10.1440, -33.6978

Previews

White Background



This preview shows how the YUV color 171.0700, -19.2615, 64.8366 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 171.0700, -19.2615, 64.8366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

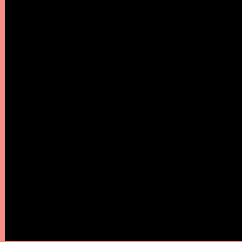
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.0700, -19.2615, 64.8366

Background



This preview shows how black text looks on a background with the YUV color 171.0700, -19.2615, 64.8366.



This preview shows how white text looks on a background with the YUV color 171.0700, -19.2615,

64.8366.

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

171.0700, -19.2615, 64.8366

Protanopia

169.9550, -11.8098, 7.9325

Deuteranopia

170.3720, -20.8894, 26.8608



Tritanopia

172.1330, -11.4046, 64.7814

Trichromacy



Original Color

171.0700, -19.2615, 64.8366

Protanomaly

170.1040, -14.3483, 28.8498

Deuteranomaly

170.5740, -20.4960, 40.7156

Tritanomaly

172.0360, -14.3147, 64.8664

Monochromacy



Original Color

171.0700, -19.2615, 64.8366

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.0200, -6.9119, 23.6615

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.0700, -19.2615, 64.8366 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(245, 141, 132)` looks like.

```
.text, #text, p{  
    color:rgb(245, 141, 132)  
}
```

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(245, 141, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 141, 132) }
```

Border

The CSS property to change the border of an element to YUV 171.0700, -19.2615, 64.8366 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(245, 141, 132) }
```


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

```
.border{ border-color:rgb(245, 141, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 141, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 141, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 141, 132);  
box-shadow:4px 4px 4px 4px rgb(245, 141,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 171.0700, -19.2615, 64.8366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 141, 132) }
```

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

```
.background{ background-color: rgb(245,  
141, 132) }
```

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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