

# Converting Colors

YUV(88.0900, 3.4066, -19.3729)

Have a look what the booklet for  
YUV(88.0900, 3.4066, -19.3729)  
contains.

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# Color

**YUV(88.0900, 3.4066,  
-19.3729)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	42625F
RGB	66, 98, 95
RGB Percent	26%, 38%, 37%
CMY	0.7412, 0.6157, 0.6275
CMYK	0.33, 0.00, 0.03, 0.62
HSL	174°, 20%, 32%
HSV	174°, 33%, 38%
XYZ	8.6800, 10.7198, 12.4381
YIQ	88.0900, -18.1090, -7.7170

# Conversions

## Conversions Part 2

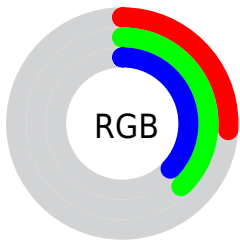
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 83, 98
Decimal	4350559
CIELab	39.10, -12.36, -2.03
CIELCh	39, 12.523, 189.350
Yxy	10.7198, 0.2726, 0.3367
Android (android.graphics.Color)	4282540639 (0xFF42625F)
YUV	88.0900, 3.4066, -19.3729
Hunter-Lab	32.7412, -9.9749, 0.3950

# Details

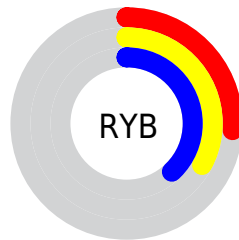
The YUV color **88.0900, 3.4066, -19.3729** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **75.9100, -3.4066, 19.3729**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.3780, 3.2646, -20.5025**, and **41.5030, 3.6960, -18.8581** is the 20% darker color. If you saturate the color by 10%, you get **84.9860, 4.4439, -25.4207**, and if you desaturate by 10%, it is **91.1940, 2.3694, -13.3251**.

# Distribution



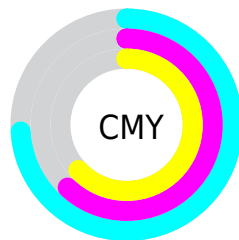
- Red (26%)
- Green (38%)
- Blue (37%)



- Red (26%)
- Yellow (33%)
- Blue (38%)



- Cyan (33%)
- Magenta (0%)
- Yellow (3%)
- Black (62%)



- Cyan (74%)
- Magenta (62%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 88.0900, 3.4066, -19.3729 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 88.0900, 3.4066, -19.3729 by changing the saturation by 10% instead.



88.0900, 3.4066,  
-19.3729

88.0900, 3.4066,  
-19.3729

255.0000, 0.0000,  
0.0000

64.3890, 3.2592,  
-18.7582

138.3780, 3.2646,  
-20.5025

41.5030, 3.6960,  
-18.8581

164.4920, 3.7014,  
-20.6025

20.8020, 3.5486,  
-18.2434

192.0790, 3.4121,  
-21.1173

0.1140, 0.4368,  
-0.1000

219.7800, 3.5595,  
-21.7321

0.0000, 0.0000,  
0.0000

245.4320, 4.7170,  
-19.6729

254.1030, 0.4422,

-1.8443

■ 88.0900, 3.4066,  
-19.3729

■ 88.0900, 3.4066,  
-19.3729

■ 84.9860, 4.4439,  
-25.4207

■ 91.1940, 2.3694,  
-13.3251

■ 81.8820, 5.4812,  
-31.4685

■ 94.2980, 1.3321,  
-7.2773

■ 79.0770, 6.3710,  
-36.9015

■ 97.1030, 0.4422,  
-1.8443

■ 75.9730, 7.4083,  
-42.9493

■ 100.2070, -0.5951,  
4.2035

■ 72.8690, 8.4456,  
-48.9971

■ 103.3110, -1.6323,  
10.2513

■ 69.7650, 9.4829,  
-55.0449

■ 106.4150, -2.6696,  
16.2990

■ 67.6720, 10.5147,  
-59.3483

■ 109.4050, -4.1437,  
22.4468

■ 112.2100, -5.0335,  
27.8798

■ 115.3140, -6.0708,  
33.9276

# Harmonies

## Analogous

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



88.7550, -1.8512, -12.9401



88.0900, 3.4066, -19.3729



88.3440, 8.2114, -20.4727

# Triad

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



88.0900, 3.4066, -19.3729



93.2700, 7.2619, 4.1482



92.2590, -9.4947, 12.0509

# Complementary

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



88.0900, 3.4066, -19.3729



75.9100, -3.4066, 19.3729

# 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.



93.0900, -6.4534, 16.5841



88.0900, 3.4066, -19.3729



94.0600, 2.4354, 12.2254

# Square

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



88.0900, 3.4066, -19.3729



92.1870, 9.7678, -6.3030



93.8280, -2.3802, 16.8138



91.2150, -9.4730, 5.0734



# Rectangle

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



88.0900, 3.4066, -19.3729



89.4090, 9.6584, -17.8987



93.8280, -2.3802, 16.8138



92.7970, -8.7739, 14.2100

# Sweetspot

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



88.0900, 3.4066, -19.3729



123.8850, 1.0427, -7.7921



85.6810, -9.7027, -14.6292



61.4940, 0.7425, -4.8182



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.0900, 3.4066, -19.3729



112.4800, 5.1864, -30.2390



80.8010, 8.4791, -12.9805



46.8040, 0.5896, -2.4591



77.3720, 12.1416, -67.8552



165.6180, 25.3313, -145.2470



# Inverse Universe

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



75.9100, -3.4066, 19.3729



93.4060, -5.6232, 30.3389



83.1990, -8.4791, 12.9805



45.1960, -0.5896, 2.4591



34.7420, -11.7048, 67.7553



74.2680, -25.7681, 145.3470



# Previews

## White Background



This preview shows how the YUV color 88.0900, 3.4066, -19.3729 looks on a white 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 × Fail



# Black Background



This preview shows how the YUV color 88.0900, 3.4066, -19.3729 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

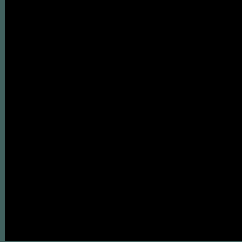
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 88.0900, 3.4066, -19.3729

## Background



This preview shows how black text looks on a background with the YUV color 88.0900, 3.4066, -19.3729.



This preview shows how white text looks on a background with the YUV color 88.0900, 3.4066, -19.3729.



# 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

88.0900, 3.4066, -19.3729

### Protanopia

91.5980, -0.2948, 1.2296

### Deuteranopia

92.6030, 2.1677, 4.7332



## Tritanopia

89.1270, 7.3324, -18.5284

# Trichromacy



## Original Color

88.0900, 3.4066, -19.3729

## Protanomaly

90.4830, 0.7479, -6.5626

## Deuteranomaly

90.6620, 2.6316, -4.0886

## Tritanomaly

88.4860, 6.1694, -18.8432

# Monochromacy



## Original Color

88.0900, 3.4066, -19.3729

## Achromatopsia

88.0000, 0.0000, 0.0000

## Achromatomaly

88.2980, 1.3321, -7.2773

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 88.0900, 3.4066, -19.3729 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(66, 98, 95)` looks like.

```
.text, #text, p{  
    color:rgb(66, 98, 95)  
}
```

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(66, 98, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 98, 95) }
```

## Border

The CSS property to change the border of an element to YUV 88.0900, 3.4066, -19.3729 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(66, 98, 95) }
```



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

```
.border{ border-color:rgb(66, 98, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 98, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 98, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 98, 95);  
box-shadow:4px 4px 4px 4px rgb(66, 98, 95)  
}
```

# Background

The CSS property to change the background color of an element to YUV 88.0900, 3.4066, -19.3729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 98, 95) }
```

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

```
.background{ background-color: rgb(66, 98,  
95) }
```

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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