

# Converting Colors

YUV(171.9660, -18.2242,  
58.7888)

Have a look what the booklet for  
YUV(171.9660, -18.2242, 58.7888)  
contains.

<b>YUV(171.9660, -18.2242, 58.7888)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(171.9660, -18.2242,  
58.7888)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EF9187
RGB	239, 145, 135
RGB Percent	94%, 57%, 53%
CMY	0.0627, 0.4314, 0.4706
CMYK	0.00, 0.39, 0.44, 0.06
HSL	6°, 76%, 73%
HSV	6°, 44%, 94%
XYZ	50.0952, 40.3508, 28.0698
YIQ	171.9660, 59.2340, 16.8180

# Conversions

## Conversions Part 2

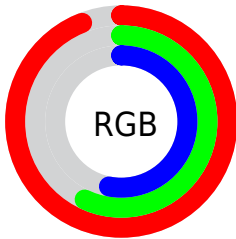
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	239, 146, 135
Decimal	15700359
CIE Lab	69.72, 34.41, 20.50
CIE LCh	70, 40.052, 30.790
Yxy	40.3508, 0.4227, 0.3405
Android (android.graphics.Color)	4293890439 (0xFFEF9187)
YUV	171.9660, -18.2242, 58.7888
Hunter-Lab	63.5223, 29.6054, 18.2659

# Details

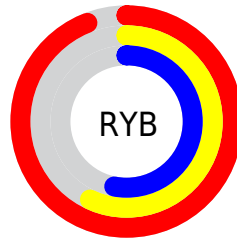
The YUV color **171.9660, -18.2242, 58.7888** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **202.0340, 18.2242, -58.7888**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.0770, -13.3490, 35.0125**, and **118.1010, -16.3188, 54.2854** is the 20% darker color. If you saturate the color by 10%, you get **156.3160, -22.3408, 72.5139**, and if you desaturate by 10%, it is **187.6160, -14.1077, 45.0638**.

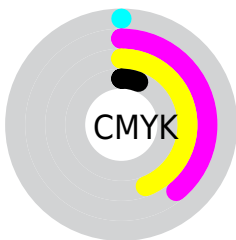
# Distribution



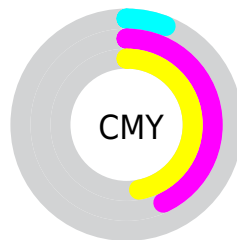
- Red (94%)
- Green (57%)
- Blue (53%)



- Red (94%)
- Yellow (57%)
- Blue (53%)



- Cyan (0%)
- Magenta (39%)
- Yellow (44%)
- Black (6%)



- Cyan (6%)
- Magenta (43%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 171.9660, -18.2242, 58.7888 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 171.9660, -18.2242, 58.7888 by changing the saturation by 10% instead.



171.9660,  
-18.2242, 58.7888

171.9660,  
-18.2242, 58.7888

255.0000, 0.0000,  
0.0000

144.8840,  
-17.1978, 56.2297

215.0770,  
-13.3490, 35.0125

118.1010,  
-16.3188, 54.2854

234.7050, -9.2216,  
17.7987

92.1330, -14.8556,  
51.6264

253.7460, -4.8048,  
1.0998

66.5780, -13.1030,  
49.4821

41.2510, -10.4767,  
47.1379

20.6310, -10.1711,  
42.4196

13.5690, -6.1965,

27.5650

■ 0.0000, 0.0000,  
0.0000

■ 171.9660,  
-18.2242, 58.7888

■ 171.9660,  
-18.2242, 58.7888

■ 156.3160,  
-22.3408, 72.5139

■ 187.6160,  
-14.1077, 45.0638

■ 141.2530,  
-26.7467, 85.7241

■ 202.6790, -9.7017,  
31.8535

■ 125.6030,  
-30.8633, 99.4492

■ 218.3290, -5.5852,  
18.1285

■ 110.5400,  
-35.2692, 112.6594

■ 233.3920, -1.1793,  
4.9182

■ 95.0040, -38.9490,  
126.2845

■ 248.9280, 2.5005,  
-8.7069

■ 84.9620, -41.8863,  
135.0913

■ 250.2160, 2.3585,  
-9.8364

# Harmonies

## Analogous

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



174.0100, -1.4839, 56.1192



171.9660, -18.2242, 58.7888



170.2620, -30.6952, 45.3742

# Triad

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



171.9660, -18.2242, 58.7888



157.6470, -11.6580, -40.9094



164.8230, 38.5413, -41.9408

# Complementary

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



171.9660, -18.2242, 58.7888



202.0340, 18.2242, -58.7888

# 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.



145.9430, 42.9191, -92.9120



171.9660, -18.2242, 58.7888



147.6540, 11.0166, -80.3806

# Square

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



171.9660, -18.2242, 58.7888



163.5020, -28.3485, -7.4563



134.4270, 35.2855, -117.8925



173.3940, 29.3858, 1.4085



# Rectangle

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



171.9660, -18.2242, 58.7888



168.4360, -34.7249, 31.1896



134.4270, 35.2855, -117.8925



159.4790, 40.1899, -57.4251

# Sweetspot

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



171.9660, -18.2242, 58.7888



233.6280, -5.7326, 18.7432



176.9260, 26.1655, 54.4389



114.4530, -3.6743, 11.8807



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.



171.9660, -18.2242, 58.7888



169.3980, -23.3672, 75.0730



201.9030, -32.9832, 32.5341



112.1750, -2.0583, 6.8625



65.5820, -32.3319, 103.8526



19.6790, -9.7017, 31.8535



# Inverse Universe

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



202.0340, 18.2242, -58.7888



207.6020, 23.3672, -75.0730



172.0970, 32.9832, -32.5341



115.8250, 2.0583, -6.8625



118.4180, 32.3319, -103.8526



36.3210, 9.7017, -31.8535



# Previews

## White Background



This preview shows how the YUV color 171.9660, -18.2242, 58.7888 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 171.9660, -18.2242, 58.7888 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 171.9660, -18.2242, 58.7888

## Background



This preview shows how black text looks on a background with the YUV color 171.9660, -18.2242, 58.7888.



This preview shows how white text looks on a background with the YUV color 171.9660, -18.2242, 58.7888.



# 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

171.9660, -18.2242, 58.7888

### Protanopia

170.0690, -11.3730, 7.8325

### Deuteranopia

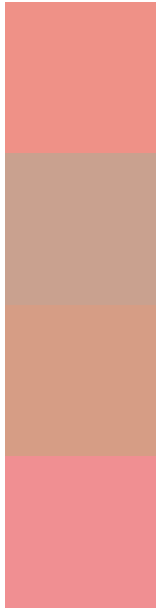
171.1160, -19.2842, 25.3313



## Tritanopia

172.5560, -9.6411, 59.1484

# Trichromacy



## Original Color

171.9660, -18.2242, 58.7888

## Protanomaly

170.9080, -13.7586, 26.3907

## Deuteranomaly

171.3070, -18.8854, 37.4418

## Tritanomaly

172.3450, -12.9881, 59.3334

# Monochromacy



## Original Color

171.9660, -18.2242, 58.7888

## Achromatopsia

172.0000, 0.0000, 0.0000

## Achromatomaly

171.8240, -6.3222, 21.2024

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 171.9660, -18.2242, 58.7888 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(239, 145, 135)` looks like.

```
.text, #text, p{  
    color:rgb(239, 145, 135)  
}
```

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(239, 145, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 145, 135) }
```

## Border

The CSS property to change the border of an element to YUV 171.9660, -18.2242, 58.7888 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(239, 145, 135) }
```



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

```
.border{ border-color:rgb(239, 145, 135) }
```

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

Here you see how a box with a 4 pixel rgb(239, 145, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 145, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 145, 135);  
box-shadow:4px 4px 4px 4px rgb(239, 145,  
135) }
```

# Background

The CSS property to change the background color of an element to YUV 171.9660, -18.2242, 58.7888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 145, 135) }
```

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

```
.background{ background-color: rgb(239,  
145, 135) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor