

# Converting Colors

YUV(175.9100, -13.2666,  
55.3299)

Have a look what the booklet for  
YUV(175.9100, -13.2666, 55.3299)  
contains.

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# Color

**YUV(175.9100, -13.2666,  
55.3299)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EF9595
RGB	239, 149, 149
RGB Percent	94%, 58%, 58%
CMY	0.0627, 0.4157, 0.4157
CMYK	0.00, 0.38, 0.38, 0.06
HSL	0°, 74%, 76%
HSV	0°, 38%, 94%
XYZ	51.7689, 42.0155, 33.8151
YIQ	175.9100, 53.6400, 19.0800

# Conversions

## Conversions Part 2

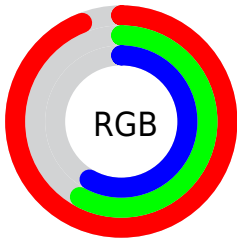
Format	Color
R <sub>Y</sub> B	239, 149, 149
Decimal	15701397
CIE Lab	70.88, 33.84, 14.36
CIE LCh	71, 36.761, 22.987
Yxy	42.0155, 0.4057, 0.3293
Android (android.graphics.Color)	4293891477 (0xFFEF9595)
YUV	175.9100, -13.2666, 55.3299
Hunter-Lab	64.8194, 29.1274, 14.4431

# Details

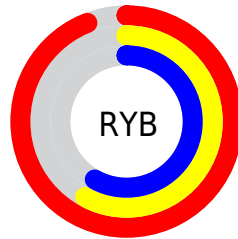
The YUV color **175.9100, -13.2666, 55.3299** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **212.0900, 13.2666, -55.3299**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.1350, -7.9546, 31.4536**, and **121.9310, -11.7980, 50.9265** is the 20% darker color. If you saturate the color by 10%, you get **159.0860, -16.8044, 70.0846**, and if you desaturate by 10%, it is **192.7340, -9.7289, 40.5753**.

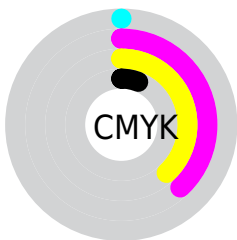
# Distribution



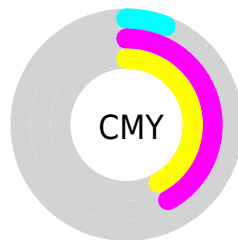
- Red (94%)
- Green (58%)
- Blue (58%)



- Red (94%)
- Yellow (58%)
- Blue (58%)



- Cyan (0%)
- Magenta (38%)
- Yellow (38%)
- Black (6%)



- Cyan (6%)
- Magenta (42%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 175.9100, -13.2666, 55.3299 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 175.9100, -13.2666, 55.3299 by changing the saturation by 10% instead.



■ 175.9100,  
-13.2666, 55.3299

■ 175.9100,  
-13.2666, 55.3299

255.0000, 0.0000,  
0.0000

■ 148.7140,  
-12.6770, 52.8708

■ 219.1350, -7.9546,  
31.4536

■ 121.9310,  
-11.7980, 50.9265

■ 239.3500, -4.1165,  
13.7251

■ 96.2620, -10.4822,  
48.8822

■ 70.5930, -9.1663,  
46.8379

■ 45.4510, -7.1243,  
45.2085

■ 21.7280, -7.2609,  
42.3345

■ 14.1670, -6.4913,

28.7945

■ 0.0000, 0.0000,  
0.0000

■ 175.9100,  
-13.2666, 55.3299

■ 175.9100,  
-13.2666, 55.3299

■ 159.0860,  
-16.8044, 70.0846

■ 192.7340, -9.7289,  
40.5753

■ 142.2620,  
-20.3422, 84.8392

■ 209.5580, -6.1911,  
25.8206

■ 125.4380,  
-23.8799, 99.5939

■ 226.3820, -2.6533,  
11.0660

■ 108.6140,  
-27.4177, 114.3485

■ 243.2060, 0.8844,  
-3.6887

■ 92.4910, -30.8081,  
128.4884

■ 250.2160, 2.3585,  
-9.8364

■ 75.6670, -34.3458,  
143.2430

■ 71.4610, -35.2303,  
146.9317

# Harmonies

## Analogous

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



177.4050, 2.7583, 48.7568



175.9100, -13.2666, 55.3299



174.1250, -26.1906, 47.2484

# Triad

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



175.9100, -13.2666, 55.3299



163.9860, -15.7691, -28.9287



166.1060, 35.9367, -46.5740

# Complementary

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



175.9100, -13.2666, 55.3299



212.0900, 13.2666, -55.3299

# 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.



152.8750, 36.0506, -83.2054



175.9100, -13.2666, 55.3299



157.1250, 3.3894, -60.6226

# Square

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



175.9100, -13.2666, 55.3299



168.2580, -28.2282, 0.6507



148.7420, 24.2842, -89.2277



175.0400, 29.5603, -7.9281



# Rectangle

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



175.9100, -13.2666, 55.3299



172.7830, -30.9520, 34.3933



148.7420, 24.2842, -89.2277



161.6590, 37.1431, -60.2139

# Sweetspot

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



175.9100, -13.2666, 55.3299



235.3720, -4.1274, 17.2138



186.1700, 26.0452, 46.3319



116.0830, -2.5059, 10.4512



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.



175.9100, -13.2666, 55.3299



174.3850, -16.9518, 70.6994



202.3250, -26.2892, 32.1640



111.5880, -1.7689, 7.3773



55.0160, -27.1229, 113.1190



16.7440, -8.2548, 34.4275



# Inverse Universe

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



212.0900, 13.2666, -55.3299



220.6150, 16.9518, -70.6994



185.6750, 26.2892, -32.1640



116.4120, 1.7689, -7.3773



128.9840, 27.1229, -113.1190



39.2560, 8.2548, -34.4275



# Previews

## White Background



This preview shows how the YUV color 175.9100, -13.2666, 55.3299 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 175.9100, -13.2666, 55.3299 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 175.9100, -13.2666, 55.3299

## Background



This preview shows how black text looks on a background with the YUV color 175.9100, -13.2666, 55.3299.



This preview shows how white text looks on a background with the YUV color 175.9100, -13.2666,



# 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

175.9100, -13.2666, 55.3299

### Protanopia

173.8390, -5.8366, 5.4032

### Deuteranopia

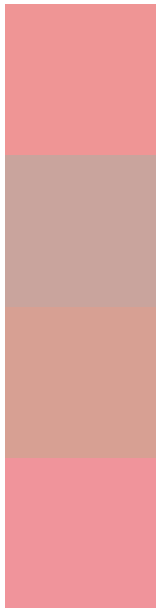
174.7720, -14.1846, 23.0020



## Tritanopia

176.7620, -8.7567, 55.4597

# Trichromacy



## Original Color

175.9100, -13.2666, 55.3299

## Protanomaly

174.2650, -8.5116, 23.4466

## Deuteranomaly

174.9630, -13.7858, 35.1124

## Tritanomaly

176.3060, -10.5039, 55.8596

# Monochromacy



## Original Color

175.9100, -13.2666, 55.3299

## Achromatopsia

176.0000, 0.0000, 0.0000

## Achromatomaly

175.8670, -4.8644, 20.2876

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 175.9100, -13.2666, 55.3299 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, 149, 149)` looks like.

```
.text, #text, p{  
    color:rgb(239, 149, 149)  
}
```

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, 149, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 149, 149) }
```

## Border

The CSS property to change the border of an element to YUV 175.9100, -13.2666, 55.3299 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, 149, 149) }
```



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

```
.border{ border-color:rgb(239, 149, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 149, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 149, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 149, 149);  
box-shadow:4px 4px 4px 4px rgb(239, 149,  
149) }
```

# Background

The CSS property to change the background color of an element to YUV 175.9100, -13.2666, 55.3299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 149, 149) }
```

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

```
.background{ background-color: rgb(239,  
149, 149) }
```

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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