

Converting Colors

YUV(172.0770, -26.6600,
57.8145)

Have a look what the booklet for
YUV(172.0770, -26.6600, 57.8145)
contains.

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Color

**YUV(172.0770, -26.6600,
57.8145)**

Conversions

Conversions Part 1

Format	Color
Hex	EE9576
RGB	238, 149, 118
RGB Percent	93%, 58%, 46%
CMY	0.0667, 0.4157, 0.5373
CMYK	0.00, 0.37, 0.50, 0.07
HSL	16°, 78%, 70%
HSV	16°, 50%, 93%
XYZ	49.2774, 40.9800, 22.4523
YIQ	172.0770, 62.9950, 9.2270

Conversions

Conversions Part 2

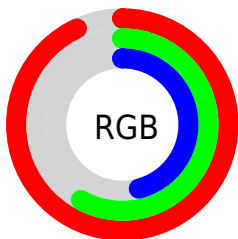
Format	Color
R _Y B	238, 160, 118
Decimal	15635830
CIE Lab	70.16, 30.29, 30.40
CIE LCh	70, 42.909, 45.105
Yxy	40.9800, 0.4372, 0.3636
Android (android.graphics.Color)	4293825910 (0xFFEE9576)
YUV	172.0770, -26.6600, 57.8145
Hunter-Lab	64.0157, 25.3766, 24.0161

Details

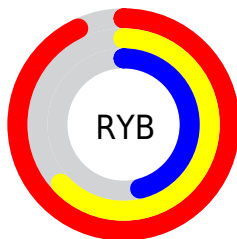
The YUV color **172.0770, -26.6600, 57.8145** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **183.9230, 26.6600, -57.8145**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.3730, -22.3689, 34.7529**, and **118.3260, -24.3177, 53.2111** is the 20% darker color. If you saturate the color by 10%, you get **158.7750, -31.9341, 69.4803**, and if you desaturate by 10%, it is **185.3790, -21.3858, 46.1486**.

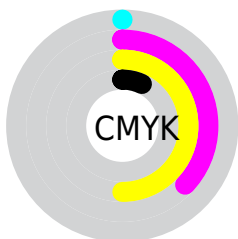
Distribution



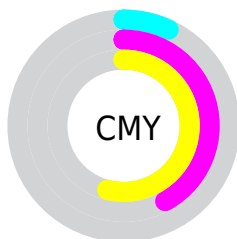
- Red (93%)
- Green (58%)
- Blue (46%)



- Red (93%)
- Yellow (63%)
- Blue (46%)



- Cyan (0%)
- Magenta (37%)
- Yellow (50%)
- Black (7%)



- Cyan (7%)
- Magenta (42%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YUV color 172.0770, -26.6600, 57.8145 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 172.0770, -26.6600, 57.8145 by changing the saturation by 10% instead.


 172.0770,
-26.6600, 57.8145


 172.0770,
-26.6600, 57.8145


255.0000, 0.0000,
0.0000


 144.9950,
-25.6335, 55.2554


 215.3730,
-22.3689, 34.7529


 118.3260,
-24.3177, 53.2111


 235.0010,
-18.2415, 17.5391

 92.3580, -22.8545,
50.5520

 251.6940,
-12.6671, 2.8994

 67.0910, -21.2439,
47.2782

 42.7810, -21.0910,
44.9191

 19.7340, -9.7289,
40.5753

 12.9710, -5.9017,

26.3354

■ 0.0000, 0.0000,
0.0000

■ 172.0770,
-26.6600, 57.8145

■ 172.0770,
-26.6600, 57.8145

■ 158.7750,
-31.9341, 69.4803

■ 185.3790,
-21.3858, 46.1486

■ 146.0600,
-37.4976, 80.6314

■ 198.0940,
-15.8223, 34.9976

■ 132.8720,
-42.3349, 92.1973

■ 211.2820,
-10.9850, 23.4317

■ 119.5700,
-47.6090, 103.8631

■ 224.5840, -5.7109,
11.7658

■ 106.9690,
-52.7357, 114.9142

■ 237.2990, -0.1474,
0.6148

■ 249.9170, 2.5059,
-10.4512

Harmonies

Analogous

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



174.0620, -10.3836, 63.9666



172.0770, -26.6600, 57.8145



169.7250, -36.3464, 37.9522

Triad

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



172.0770, -26.6600, 57.8145



152.8380, -1.3991, -64.7559



170.7160, 37.6080, -22.5529

Complementary

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



172.0770, -26.6600, 57.8145



183.9230, 26.6600, -57.8145

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.



154.6230, 45.0489, -75.9684



172.0770, -26.6600, 57.8145



134.4780, 27.8653, -117.9372

Square

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



172.0770, -26.6600, 57.8145



161.4720, -22.9107, -24.9699



136.7070, 44.0214, -119.8920



176.0760, 25.1055, 20.9813

Rectangle

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



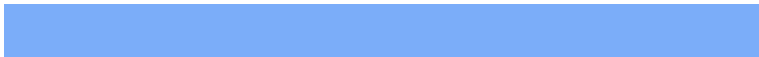
172.0770, -26.6600, 57.8145



167.6750, -37.3078, 19.5790



136.7070, 44.0214, -119.8920



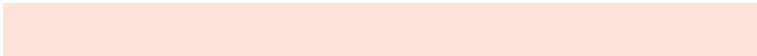
166.7140, 40.5670, -38.3372

Sweetspot

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



172.0770, -26.6600, 57.8145



234.2320, -8.4954, 18.2135



164.1400, 21.6230, 64.7752



114.8120, -4.8373, 11.5659



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.



172.0770, -26.6600, 57.8145



169.7110, -34.8605, 74.7985



206.7100, -43.7340, 27.4413



113.3490, -2.6371, 5.8329



82.6050, -40.7243, 88.9234



24.9620, -12.3063, 27.2203

Inverse Universe

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



183.9230, 26.6600, -57.8145



184.8760, 34.5711, -75.3133



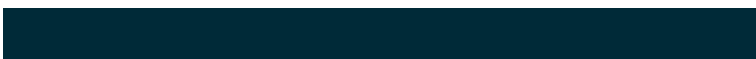
149.2900, 43.7340, -27.4413



114.6510, 2.6371, -5.8329



100.8080, 41.0137, -88.4086



31.0380, 12.3063, -27.2203

Previews

White Background



This preview shows how the YUV color 172.0770, -26.6600, 57.8145 looks on a white background.

Color Contrast Check

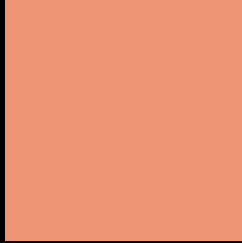
Large Text (above 18pt) WCAG AA × Fail

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 172.0770, -26.6600, 57.8145 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 172.0770, -26.6600, 57.8145

Background



This preview shows how black text looks on a background with the YUV color 172.0770, -26.6600, 57.8145.



This preview shows how white text looks on a background with the YUV color 172.0770, -26.6600,

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

172.0770, -26.6600, 57.8145

Protanopia

170.5720, -20.9880, 11.7764

Deuteranopia

170.9720, -27.5942, 30.7196



Tritanopia

174.2570, -9.4937, 58.5336

Trichromacy



Original Color

172.0770, -26.6600, 57.8145

Protanomaly

171.4000, -23.3682, 28.5902

Deuteranomaly

171.7390, -27.4793, 40.5709

Tritanomaly

173.6500, -15.6034, 58.1890

Monochromacy



Original Color

172.0770, -26.6600, 57.8145

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.2000, -9.9586, 20.8726

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.0770, -26.6600, 57.8145 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(238, 149, 118)` looks like.

```
.text, #text, p{  
    color:rgb(238, 149, 118)  
}
```

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(238, 149, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 149, 118) }
```

Border

The CSS property to change the border of an element to YUV 172.0770, -26.6600, 57.8145 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(238, 149, 118) }
```


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

```
.border{ border-color:rgb(238, 149, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 149, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 149, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 149, 118);  
box-shadow:4px 4px 4px 4px rgb(238, 149,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 172.0770, -26.6600, 57.8145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 149, 118) }
```

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

```
.background{ background-color: rgb(238,  
149, 118) }
```

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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