

Converting Colors

YUV(178.3770, -28.2869,
66.3214)

Have a look what the booklet for
YUV(178.3770, -28.2869, 66.3214)
contains.

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Color

**YUV(178.3770, -28.2869,
66.3214)**

Conversions

Conversions Part 1

Format	Color
Hex	FE9779
RGB	254, 151, 121
RGB Percent	100%, 59%, 47%
CMY	0.0039, 0.4078, 0.5255
CMYK	0.00, 0.41, 0.52, 0.00
HSL	14°, 99%, 74%
HSV	14°, 52%, 100%
XYZ	55.3908, 44.5845, 23.7754
YIQ	178.3770, 71.0180, 12.5060

Conversions

Conversions Part 2

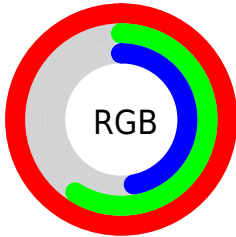
Format	Color
R_{YB}	254, 160, 121
Decimal	16684921
CIE Lab	72.62, 35.67, 32.35
CIE LCh	73, 48.157, 42.210
Yxy	44.5845, 0.4476, 0.3603
Android (android.graphics.Color)	4294875001 (0xFFFE9779)
YUV	178.3770, -28.2869, 66.3214
Hunter-Lab	66.7716, 31.2255, 25.6287

Details

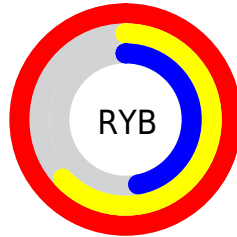
The YUV color $178.3770, -28.2869, 66.3214$ is a light color, and the websafe version is hex $FF9966$. A complement of this color would be $196.6230, 28.2869, -66.3214$, and the grayscale version is $179.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $217.0030, -21.2005, 33.3234$, and $124.0280, -25.6498, 60.4884$ is the 20% darker color. If you saturate the color by 10%, you get $163.7870, -33.4190, 79.1168$, and if you desaturate by 10%, it is $192.9670, -23.1547, 53.5259$.

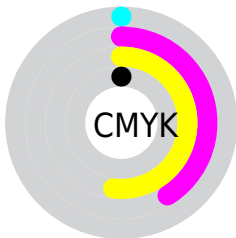
Distribution



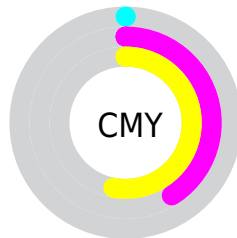
- Red (100%)
- Green (59%)
- Blue (47%)



- Red (100%)
- Yellow (63%)
- Blue (47%)



- Cyan (0%)
- Magenta (41%)
- Yellow (52%)
- Black (0%)



- Cyan (0%)
- Magenta (41%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.3770, -28.2869, 66.3214 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 178.3770, -28.2869, 66.3214 by changing the saturation by 10% instead.

178.3770,
-28.2869, 66.3214

178.3770,
-28.2869, 66.3214

255.0000, 0.0000,
0.0000

150.4090,
-26.8236, 63.6623

217.0030,
-21.2005, 33.3234

124.0280,
-25.6498, 60.4884

237.1040,
-17.7993, 15.6948

97.4730, -23.8972,
58.3442

252.0360,
-11.3567, 2.5994

72.2060, -22.2866,
55.0703

45.5370, -20.9707,
53.0261

23.3220, -11.4977,
47.9526

15.5480, -7.6652,

31.9684

■ 2.9900, -1.4741,
6.1478

■ 0.0000, 0.0000,
0.0000

■ 178.3770,
-28.2869, 66.3214

■ 178.3770,
-28.2869, 66.3214

■ 163.7870,
-33.4190, 79.1168

■ 192.9670,
-23.1547, 53.5259

■ 149.6700,
-39.2773, 91.4974

■ 207.0840,
-17.2964, 41.1453

■ 135.0800,
-44.4094, 104.2928

■ 221.6740,
-12.1643, 28.3499

■ 120.3760,
-49.9784, 117.1882

■ 236.3780, -6.5954,
15.4545

■ 109.4050,
-53.9367, 126.8098

■ 250.3810, -1.1738,
3.1739

254.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



178.0670, -7.9210, 67.4702



178.3770, -28.2869, 66.3214



176.0310, -40.4413, 44.6998

Triad

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



178.3770, -28.2869, 66.3214



156.6370, -3.2720, -70.7186



174.5300, 39.6717, -31.1598

Complementary

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



178.3770, -28.2869, 66.3214



196.6230, 28.2869, -66.3214

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.



143.8890, 54.7777, -116.5437



178.3770, -28.2869, 66.3214



140.2170, 27.0080, -122.9703

Square

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



178.3770, -28.2869, 66.3214



167.5060, -27.8575, -24.9998



143.1300, 45.7849, -125.5250



183.0310, 30.0577, 19.2668

Rectangle

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



178.3770, -28.2869, 66.3214



174.3290, -42.5602, 24.2675



143.1300, 45.7849, -125.5250



169.0930, 42.3522, -50.9476

Sweetspot

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



178.3770, -28.2869, 66.3214



231.5420, -8.6482, 20.5727



172.6230, 25.8219, 71.3676



113.9970, -5.4215, 12.2806



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.



178.3770, -28.2869, 66.3214



163.8580, -34.4400, 79.9315



216.5320, -47.0973, 32.8594



120.6480, -2.7845, 6.4477



82.3500, -40.5985, 95.2861



27.3540, -13.4855, 32.1385

Inverse Universe

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



196.6230, 28.2869, -66.3214



185.7290, 34.1506, -80.4463



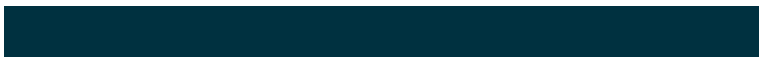
158.4680, 47.0973, -32.8594



122.3520, 2.7845, -6.4477



108.6500, 40.5986, -95.2860



36.0590, 13.7749, -31.6237

Previews

White Background



This preview shows how the YUV color 178.3770, -28.2869, 66.3214 looks on a white background.

Color Contrast Check

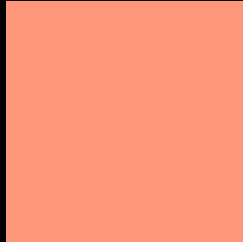
Large Text (above 18pt) WCAG AA × Fail

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 178.3770, -28.2869, 66.3214 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 178.3770, -28.2869, 66.3214 Background



This preview shows how black text looks on a background with the YUV color 178.3770, -28.2869, 66.3214.



This preview shows how white text looks on a background with the YUV color 178.3770, -28.2869,

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

178.3770, -28.2869, 66.3214

Protanopia

177.0560, -21.7196, 13.1059

Deuteranopia

178.0000, -30.0730, 32.4490



Tritanopia

180.4320, -11.5520, 65.3961

Trichromacy



Original Color

178.3770, -28.2869, 66.3214

Protanomaly

177.6070, -23.9633, 32.7937

Deuteranomaly

178.1910, -29.6742, 44.5595

Tritanomaly

179.5370, -17.5197, 66.1811

Monochromacy



Original Color

178.3770, -28.2869, 66.3214

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

178.1080, -10.4062, 24.4613

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.3770, -28.2869, 66.3214 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(254, 151, 121)` looks like.

```
.text, #text, p{  
    color:rgb(254, 151, 121)  
}
```

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(254, 151, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 151, 121) }
```

Border

The CSS property to change the border of an element to YUV 178.3770, -28.2869, 66.3214 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(254, 151, 121) }
```


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

```
.border{ border-color:rgb(254, 151, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 151, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 151, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 151, 121);  
box-shadow:4px 4px 4px 4px rgb(254, 151,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 178.3770, -28.2869, 66.3214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 151, 121) }
```

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

```
.background{ background-color: rgb(254,  
151, 121) }
```

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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