

Converting Colors

YUV(172.9800, -26.1191,
71.0545)

Have a look what the booklet for
YUV(172.9800, -26.1191, 71.0545)
contains.

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Color

**YUV(172.9800, -26.1191,
71.0545)**

Conversions

Conversions Part 1

Format	Color
Hex	FE8E78
RGB	254, 142, 120
RGB Percent	100%, 56%, 47%
CMY	0.0039, 0.4431, 0.5294
CMYK	0.00, 0.44, 0.53, 0.00
HSL	10°, 99%, 73%
HSV	10°, 53%, 100%
XYZ	53.9362, 41.7729, 22.9895
YIQ	172.9800, 73.8140, 16.9020

Conversions

Conversions Part 2

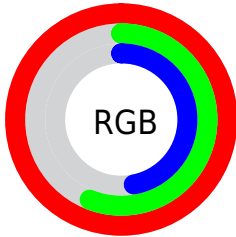
Format	Color
R_{YB}	254, 146, 120
Decimal	16682616
CIE _{Lab}	70.71, 40.19, 30.41
CIE _{LCh}	71, 50.397, 37.120
Yxy	41.7729, 0.4544, 0.3519
Android (android.graphics.Color)	4294872696 (0xFFFE8E78)
YUV	172.9800, -26.1191, 71.0545
Hunter-Lab	64.6320, 35.8547, 24.1530

Details

The YUV color **172.9800, -26.1191, 71.0545** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **201.0200, 26.1191, -71.0545**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.6060, -19.0328, 38.0565**, and **118.0440, -23.1927, 65.7364** is the 20% darker color. If you saturate the color by 10%, you get **157.8030, -30.9619, 84.3648**, and if you desaturate by 10%, it is **188.1570, -21.2764, 57.7443**.

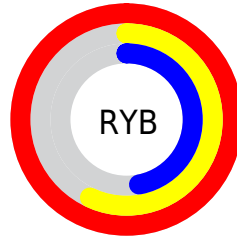
Distribution



Red (100%)

Green (56%)

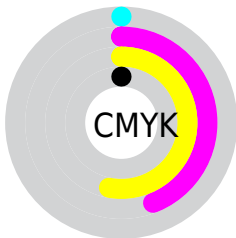
Blue (47%)



Red (100%)

Yellow (57%)

Blue (47%)

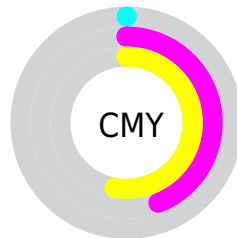


Cyan (0%)

Magenta (44%)

Yellow (53%)

Black (0%)



Cyan (0%)

Magenta (44%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.9800, -26.1191, 71.0545 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 172.9800, -26.1191, 71.0545 by changing the saturation by 10% instead.

172.9800,
-26.1191, 71.0545

172.9800,
-26.1191, 71.0545

255.0000, 0.0000,
0.0000

145.0120,
-24.6559, 68.3955

211.6060,
-19.0328, 38.0565

118.0440,
-23.1927, 65.7364

231.7070,
-15.6316, 20.4280

91.7770, -21.5821,
62.4626

251.9220,
-11.7935, 2.6994

65.4500, -18.9558,
60.1184

35.7320, -16.6299,
60.7480

23.0230, -11.3503,
47.3378

15.3630, -7.0810,

31.2536

■ 0.0000, 0.0000,
0.0000

■ 172.9800,
-26.1191, 71.0545

■ 172.9800,
-26.1191, 71.0545

■ 157.8030,
-30.9619, 84.3648

■ 188.1570,
-21.2764, 57.7443

■ 142.5120,
-36.2414, 97.7750

■ 203.4480,
-15.9969, 44.3341

■ 126.7480,
-40.7948, 111.6000

■ 219.2120,
-11.4435, 30.5091

■ 111.4570,
-46.0743, 125.0102

■ 234.5030, -6.1640,
17.0989

■ 100.6000,
-49.5958, 134.5318

■ 249.6800, -1.3212,
3.7886

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.



173.5990, -4.7323, 71.3887



172.9800, -26.1191, 71.0545



171.2490, -41.0418, 50.6476

Triad

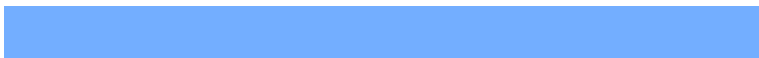
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



172.9800, -26.1191, 71.0545



152.4050, -8.0877, -66.1302



165.5930, 44.0777, -44.3701

Complementary

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



172.9800, -26.1191, 71.0545



201.0200, 26.1191, -71.0545

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.



138.8390, 57.2674, -121.7618



172.9800, -26.1191, 71.0545



135.9140, 23.2134, -119.1966

Square

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



172.9800, -26.1191, 71.0545



162.3990, -32.2417, -18.7669



140.3430, 42.7219, -123.0808



177.3120, 33.8632, 12.0044

Rectangle

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



172.9800, -26.1191, 71.0545



169.2050, -44.4711, 30.5152



140.3430, 42.7219, -123.0808



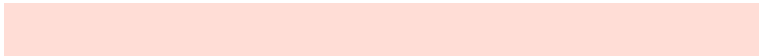
157.4650, 48.0848, -69.6908

Sweetspot

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



172.9800, -26.1191, 71.0545



230.3680, -8.0694, 21.6023



173.0620, 30.0424, 70.9826



112.8230, -4.8427, 13.3102



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.



172.9800, -26.1191, 71.0545



157.9880, -31.5461, 85.0795



211.1350, -44.9296, 37.5926



120.0610, -2.4951, 6.9625



75.3060, -37.1259, 101.4636



25.0060, -12.3280, 34.1977

Inverse Universe

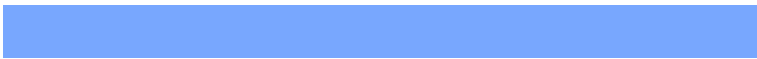
The Inverse Universe completely reimagines the original color for something new.



201.0200, 26.1191, -71.0545



191.5990, 31.2567, -85.5943



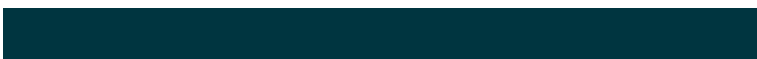
162.8650, 44.9296, -37.5926



122.3520, 2.7845, -6.4477



115.6940, 37.1259, -101.4636



38.4070, 12.6173, -33.6829

Previews

White Background



This preview shows how the YUV color 172.9800, -26.1191, 71.0545 looks on a white background.

Color Contrast Check

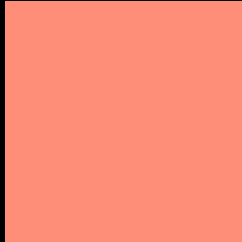
Large Text (above 18pt) WCAG AA × Fail

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 172.9800, -26.1191, 71.0545 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 172.9800, -26.1191, 71.0545

Background



This preview shows how black text looks on a background with the YUV color 172.9800, -26.1191, 71.0545.



This preview shows how white text looks on a background with the YUV color 172.9800, -26.1191, 71.0545.

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

172.9800, -26.1191, 71.0545

Protanopia

172.0280, -19.2408, 11.3764

Deuteranopia

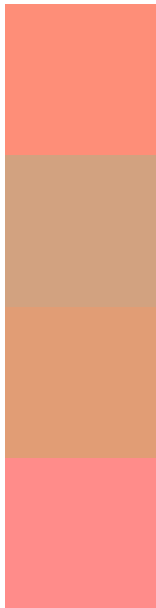
172.8580, -28.0310, 30.8195



Tritanopia

174.7100, -13.1680, 70.4143

Trichromacy



Original Color

172.9800, -26.1191, 71.0545

Protanomaly

172.4760, -21.9267, 32.9085

Deuteranomaly

172.7720, -27.4956, 45.8040

Tritanomaly

174.1570, -17.8254, 70.8993

Monochromacy



Original Color

172.9800, -26.1191, 71.0545

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.0480, -9.3907, 25.3909

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.9800, -26.1191, 71.0545 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, 142, 120)` looks like.

```
.text, #text, p{  
    color:rgb(254, 142, 120)  
}
```

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, 142, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 142, 120) }
```

Border

The CSS property to change the border of an element to YUV 172.9800, -26.1191, 71.0545 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, 142, 120) }
```


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

```
.border{ border-color:rgb(254, 142, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 142, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 142, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 142, 120);  
box-shadow:4px 4px 4px 4px rgb(254, 142,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 172.9800, -26.1191, 71.0545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 142, 120) }
```

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

```
.background{ background-color: rgb(254,  
142, 120) }
```

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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