

Converting Colors

YUV(173.2960, -11.9779,
62.0074)

Have a look what the booklet for
YUV(173.2960, -11.9779, 62.0074)
contains.

YUV(173.2960, -11.9779, 62.0074)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(173.2960, -11.9779,
62.0074)**

Conversions

Conversions Part 1

Format	Color
Hex	F48E95
RGB	244, 142, 149
RGB Percent	96%, 56%, 58%
CMY	0.0431, 0.4431, 0.4157
CMYK	0.00, 0.42, 0.39, 0.04
HSL	356°, 82%, 76%
HSV	356°, 42%, 96%
XYZ	52.4060, 40.7490, 33.5370
YIQ	173.2960, 58.5450, 23.8010

Conversions

Conversions Part 2

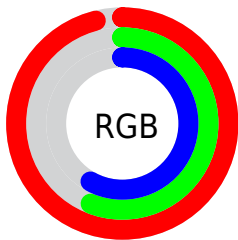
Format	Color
RYB	244, 142, 149
Decimal	16027285
CIELab	70.00, 39.31, 13.21
CIELCh	70, 41.471, 18.571
Yxy	40.7490, 0.4136, 0.3216
Android (android.graphics.Color)	4294217365 (0xFFFF48E95)
YUV	173.2960, -11.9779, 62.0074
Hunter-Lab	63.8350, 34.8304, 13.5352

Details

The YUV color **173.2960, -11.9779, 62.0074** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **212.7040, 11.9779, -62.0074**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.0260, -5.9288, 35.0572**, and **119.3170, -10.5093, 57.6040** is the 20% darker color. If you saturate the color by 10%, you get **156.5860, -15.0789, 76.6621**, and if you desaturate by 10%, it is **190.0060, -8.8770, 47.3527**.

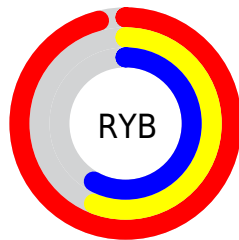
Distribution



Red (96%)

Green (56%)

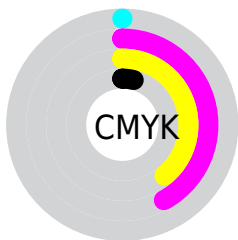
Blue (58%)



Red (96%)

Yellow (56%)

Blue (58%)

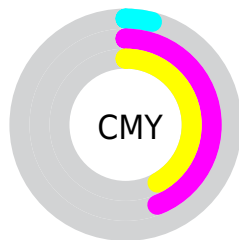


Cyan (0%)

Magenta (42%)

Yellow (39%)

Black (4%)



Cyan (4%)

Magenta (44%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.2960, -11.9779, 62.0074 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 173.2960, -11.9779, 62.0074 by changing the saturation by 10% instead.

■ 173.2960,
-11.9779, 62.0074

■ 173.2960,
-11.9779, 62.0074

■ 255.0000, 0.0000,
0.0000

■ 145.5130,
-11.0989, 60.0631

■ 215.0260, -5.9288,
35.0572

■ 119.3170,
-10.5093, 57.6040

■ 235.2410, -2.0908,
17.3286

■ 92.7620, -8.7567,
55.4597

■ 66.5060, -7.1515,
53.9302

■ 38.1300, -3.5151,
54.2600

■ 22.6250, -7.7031,
44.1789

■ 14.8790, -6.3493,

29.9241

■ 0.0000, 0.0000,
0.0000

■ 173.2960,
-11.9779, 62.0074

■ 173.2960,
-11.9779, 62.0074

■ 156.5860,
-15.0789, 76.6621

■ 190.0060, -8.8770,
47.3527

■ 139.4030,
-17.4537, 91.7316

■ 207.1890, -6.5022,
32.2832

■ 122.6930,
-20.5546, 106.3862

■ 223.8990, -3.4012,
17.6286

■ 105.3960,
-23.3662, 121.5557

■ 241.1960, -0.5896,
2.4591

■ 88.6860, -26.4672,
136.2104

■ 251.7110, 1.6215,
-6.7625

■ 74.8940, -28.5417,
148.3060

Harmonies

Analogous

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



175.5240, 5.6577, 52.1605



173.2960, -11.9779, 62.0074



171.8270, -27.5227, 54.5257

Triad

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



173.2960, -11.9779, 62.0074



160.8460, -20.1371, -27.9289



158.0050, 42.3955, -64.9024

Complementary

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



173.2960, -11.9779, 62.0074



212.7040, 11.9779, -62.0074

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.



135.5330, 44.6002, -118.8624



173.2960, -11.9779, 62.0074



151.9240, 1.5165, -66.5853

Square

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



173.2960, -11.9779, 62.0074



165.9120, -33.4806, 5.3392



134.2330, 29.4651, -117.7223



171.3640, 34.8235, -16.1052

Rectangle

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



173.2960, -11.9779, 62.0074



170.0290, -34.0313, 42.0706



134.2330, 29.4651, -117.7223



150.6390, 44.0550, -83.8754

Sweetspot

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



173.2960, -11.9779, 62.0074



232.0950, -3.9908, 20.0877



181.4350, 30.8445, 46.9765



113.5070, -2.2220, 12.7104



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.



173.2960, -11.9779, 62.0074



166.8850, -15.2263, 77.2769



197.7390, -27.4793, 40.5709



113.7020, -1.3321, 7.2773



57.0960, -21.7393, 113.0488



18.0970, -6.9498, 35.8719

Inverse Universe

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



173.2960, -11.9779, 62.0074



166.8850, -15.2263, 77.2769



188.8480, 27.1899, -41.0857



113.7020, -1.3321, 7.2773



57.0960, -21.7393, 113.0488



18.0970, -6.9498, 35.8719

Previews

White Background



This preview shows how the YUV color 173.2960, -11.9779, 62.0074 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 173.2960, -11.9779, 62.0074 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 173.2960, -11.9779, 62.0074

Background



This preview shows how black text looks on a background with the YUV color 173.2960, -11.9779, 62.0074.



This preview shows how white text looks on a background with the YUV color 173.2960, -11.9779, 62.0074.

62.0074.

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

173.2960, -11.9779, 62.0074

Protanopia

171.6970, -3.7946, 3.7737

Deuteranopia

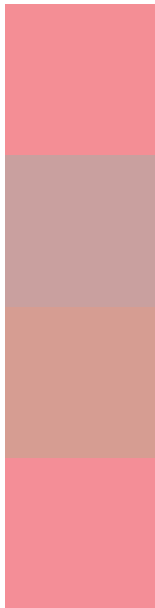
172.2880, -13.4530, 21.6724



Tritanopia

173.6380, -10.6675, 61.7075

Trichromacy



Original Color

173.2960, -11.9779, 62.0074

Protanomaly

172.1450, -6.4805, 25.3058

Deuteranomaly

172.7890, -13.2070, 36.1420

Tritanomaly

173.5240, -11.1043, 61.8075

Monochromacy



Original Color

173.2960, -11.9779, 62.0074

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.2910, -4.5805, 22.5468

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.2960, -11.9779, 62.0074 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(244, 142, 149)` looks like.

```
.text, #text, p{  
    color:rgb(244, 142, 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(244, 142, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 142, 149) }
```

Border

The CSS property to change the border of an element to YUV 173.2960, -11.9779, 62.0074 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(244, 142, 149) }
```


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

```
.border{ border-color:rgb(244, 142, 149) }
```

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

Here you see how a box with a 4 pixel rgb(244, 142, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 142, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 142, 149);  
box-shadow:4px 4px 4px 4px rgb(244, 142,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 173.2960, -11.9779, 62.0074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 142, 149) }
```

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

```
.background{ background-color: rgb(244,  
142, 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](#).

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