

Converting Colors

YUV(171.6680, -19.5563,
66.0662)

Have a look what the booklet for
YUV(171.6680, -19.5563, 66.0662)
contains.

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Color

**YUV(171.6680, -19.5563,
66.0662)**

Conversions

Conversions Part 1

Format	Color
Hex	F78D84
RGB	247, 141, 132
RGB Percent	97%, 55%, 52%
CMY	0.0314, 0.4471, 0.4824
CMYK	0.00, 0.43, 0.47, 0.03
HSL	5°, 88%, 74%
HSV	5°, 47%, 97%
XYZ	52.0475, 40.4899, 26.9019
YIQ	171.6680, 66.0650, 19.6730

Conversions

Conversions Part 2

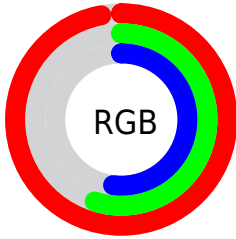
Format	Color
R _Y B	247, 142, 132
Decimal	16223620
CIE Lab	69.82, 39.16, 22.46
CIE LCh	70, 45.147, 29.837
Yxy	40.4899, 0.4358, 0.3390
Android (android.graphics.Color)	4294413700 (0xFFFF78D84)
YUV	171.6680, -19.5563, 66.0662
Hunter-Lab	63.6316, 34.6487, 19.4758

Details

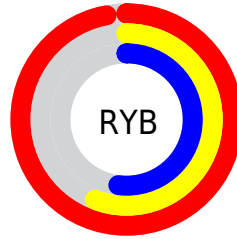
The YUV color **171.6680, -19.5563, 66.0662** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **207.3320, 19.5563, -66.0662**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.3870, -13.5018, 37.3716**, and **117.6180, -17.0667, 60.8480** is the 20% darker color. If you saturate the color by 10%, you get **155.3170, -23.8203, 80.4060**, and if you desaturate by 10%, it is **188.0190, -15.2924, 51.7263**.

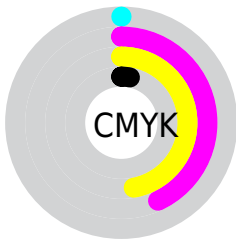
Distribution



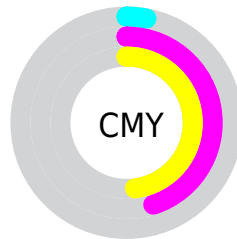
- Red (97%)
- Green (55%)
- Blue (52%)



- Red (97%)
- Yellow (56%)
- Blue (52%)



- Cyan (0%)
- Magenta (43%)
- Yellow (47%)
- Black (3%)



- Cyan (3%)
- Magenta (45%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.6680, -19.5563, 66.0662 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 171.6680, -19.5563, 66.0662 by changing the saturation by 10% instead.

171.6680,
-19.5563, 66.0662

171.6680,
-19.5563, 66.0662

255.0000, 0.0000,
0.0000

143.9990,
-18.2405, 64.0219

212.3870,
-13.5018, 37.3716

117.6180,
-17.0667, 60.8480

232.0150, -9.3744,
20.1578

90.9490, -15.7509,
58.8037

252.2300, -5.5364,
2.4293

65.2090, -13.4140,
55.9447

36.2460, -9.4883,
56.7893

21.8270, -10.7607,
44.8787

14.8790, -6.3493,

29.9241

■ 0.0000, 0.0000,
0.0000

■ 171.6680,
-19.5563, 66.0662

■ 171.6680,
-19.5563, 66.0662

■ 155.3170,
-23.8203, 80.4060

■ 188.0190,
-15.2924, 51.7263

■ 139.0800,
-27.6474, 94.6458

■ 204.2560,
-11.4652, 37.4865

■ 123.3160,
-32.2008, 108.4709

■ 220.0200, -6.9119,
23.6615

■ 106.9650,
-36.4647, 122.8107

■ 236.3710, -2.6479,
9.3216

■ 90.7280, -40.2919,
137.0505

■ 252.6080, 1.1793,
-4.9182

■ 85.0060, -41.9080,
142.0687

Harmonies

Analogous

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



173.5810, -0.7794, 63.5115



171.6680, -19.5563, 66.0662



170.3830, -34.2058, 51.4071

Triad

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



171.6680, -19.5563, 66.0662



155.7450, -13.6783, -46.2574



162.2500, 44.2467, -51.9622

Complementary

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



171.6680, -19.5563, 66.0662



207.3320, 19.5563, -66.0662

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.



136.0690, 51.7310, -119.3325



171.6680, -19.5563, 66.0662



134.3620, 17.0765, -110.8195

Square

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



171.6680, -19.5563, 66.0662



162.7640, -32.4217, -7.6860



136.0570, 36.4539, -119.3220



173.5340, 33.7537, 0.4087

Rectangle

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



171.6680, -19.5563, 66.0662



168.0190, -38.9564, 35.0633



136.0570, 36.4539, -119.3220



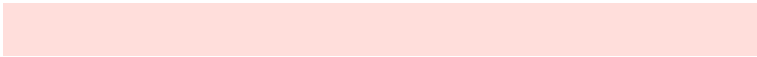
154.9160, 47.3694, -73.5943

Sweetspot

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



171.6680, -19.5563, 66.0662



231.5250, -6.1748, 20.5876



178.5830, 29.7856, 60.0017



113.7520, -3.8217, 12.4955



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.



171.6680, -19.5563, 66.0662



161.2140, -24.2625, 82.2503



204.5400, -35.7622, 37.2374



114.1750, -2.0583, 6.8625



64.4190, -31.7586, 106.6265



20.5760, -10.1440, 33.6978

Inverse Universe

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



207.3320, 19.5563, -66.0662



205.7860, 24.2625, -82.2503



174.4600, 35.7622, -37.2374



117.8250, 2.0583, -6.8625



122.1680, 31.4692, -107.1413



38.4240, 10.1440, -33.6978

Previews

White Background



This preview shows how the YUV color 171.6680, -19.5563, 66.0662 looks on a white background.

Color Contrast Check

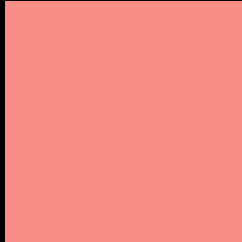
Large Text (above 18pt) WCAG AA × Fail

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 171.6680, -19.5563, 66.0662 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 171.6680, -19.5563, 66.0662

Background



This preview shows how black text looks on a background with the YUV color 171.6680, -19.5563, 66.0662.



This preview shows how white text looks on a background with the YUV color 171.6680, -19.5563,

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

171.6680, -19.5563, 66.0662

Protanopia

170.8410, -12.2466, 8.0324

Deuteranopia

171.2580, -21.3262, 26.9607



Tritanopia

172.7310, -11.6994, 66.0109

Trichromacy



Original Color

171.6680, -19.5563, 66.0662

Protanomaly

170.9900, -14.7851, 28.9498

Deuteranomaly

171.4600, -20.9328, 40.8156

Tritanomaly

172.6340, -14.6096, 66.0960

Monochromacy



Original Color

171.6680, -19.5563, 66.0662

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.9060, -7.3487, 23.7614

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.6680, -19.5563, 66.0662 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(247, 141, 132)` looks like.

```
.text, #text, p{  
    color:rgb(247, 141, 132)  
}
```

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(247, 141, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 141, 132) }
```

Border

The CSS property to change the border of an element to YUV 171.6680, -19.5563, 66.0662 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(247, 141, 132) }
```


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

```
.border{ border-color:rgb(247, 141, 132) }
```

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

Here you see how a box with a 4 pixel rgb(247, 141, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 141, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 141, 132);  
box-shadow:4px 4px 4px 4px rgb(247, 141,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 171.6680, -19.5563, 66.0662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 141, 132) }
```

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

```
.background{ background-color: rgb(247,  
141, 132) }
```

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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