

Converting Colors

YUV(168.7940, -20.6044,
75.6027)

Have a look what the booklet for
YUV(168.7940, -20.6044, 75.6027)
contains.

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Color

**YUV(168.7940, -20.6044,
75.6027)**

Conversions

Conversions Part 1

Format	Color
Hex	FF857F
RGB	255, 133, 127
RGB Percent	100%, 52%, 50%
CMY	0.0000, 0.4784, 0.5020
CMYK	0.00, 0.48, 0.50, 0.00
HSL	3°, 100%, 75%
HSV	3°, 50%, 100%
XYZ	53.4583, 39.5674, 24.8984
YIQ	168.7940, 74.6380, 23.9980

Conversions

Conversions Part 2

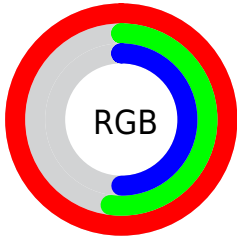
Format	Color
R _Y B	255, 133, 127
Decimal	16745855
CIE Lab	69.16, 45.66, 24.53
CIE LCh	69, 51.827, 28.244
Yxy	39.5674, 0.4533, 0.3355
Android (android.graphics.Color)	4294935935 (0xFFFF857F)
YUV	168.7940, -20.6044, 75.6027
Hunter-Lab	62.9026, 41.6202, 20.5634

Details

The YUV color **168.7940, -20.6044, 75.6027** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **213.2060, 20.6044, -75.6027**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.1210, -13.3707, 41.9899**, and **113.8580, -17.6780, 70.2845** is the 20% darker color. If you saturate the color by 10%, you get **151.8560, -24.5790, 90.4573**, and if you desaturate by 10%, it is **185.8460, -16.1931, 60.6481**.

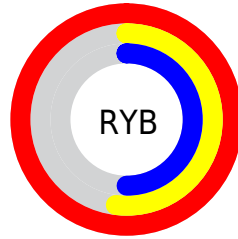
Distribution



Red (100%)

Green (52%)

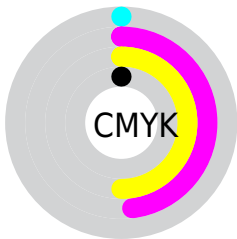
Blue (50%)



Red (100%)

Yellow (52%)

Blue (50%)

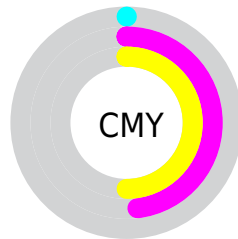


Cyan (0%)

Magenta (48%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (48%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.7940, -20.6044, 75.6027 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 168.7940, -20.6044, 75.6027 by changing the saturation by 10% instead.


 168.7940,
-20.6044, 75.6027


 168.7940,
-20.6044, 75.6027


255.0000, 0.0000,
0.0000


 140.8260,
-19.1412, 72.9436


 207.1210,
-13.3707, 41.9899


 113.8580,
-17.6780, 70.2845


 227.2220, -9.9694,
24.3613

 86.4170, -15.4886,
68.0403

 247.5510, -5.6946,
6.5328

 58.3290, -11.9942,
67.2405

 33.1760, -9.9468,
63.8666

 23.0230, -11.3503,
47.3378

 15.4770, -6.6442,

31.1537

■ 0.0000, 0.0000,
0.0000

■ 168.7940,
-20.6044, 75.6027

■ 168.7940,
-20.6044, 75.6027

■ 151.8560,
-24.5790, 90.4573

■ 185.8460,
-16.1931, 60.6481

■ 134.2170,
-28.7010, 105.9267

■ 203.3710,
-12.5079, 45.2786

■ 117.2790,
-32.6755, 120.7813

■ 220.4230, -8.0965,
30.3240

■ 100.2270,
-37.0869, 135.7359

■ 237.3610, -4.1220,
15.4694

■ 83.2890, -41.0615,
150.5905

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



171.2060, 1.3774, 71.7333



168.7940, -20.6044, 75.6027



167.4010, -38.1587, 59.2843

Triad

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



168.7940, -20.6044, 75.6027



151.2020, -16.8616, -51.9202



153.0240, 50.2742, -71.9350

Complementary

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



168.7940, -20.6044, 75.6027



213.2060, 20.6044, -75.6027

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.



137.4540, 54.4992, -120.5472



168.7940, -20.6044, 75.6027



131.4000, 16.0718, -115.2378

Square

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



168.7940, -20.6044, 75.6027



159.8690, -38.3894, -6.9011



136.8720, 37.0381, -120.0367



171.4070, 39.7323, -3.8649

Rectangle

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



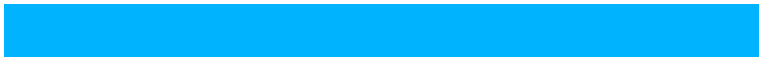
168.7940, -20.6044, 75.6027



165.8580, -44.7930, 40.4665



136.8720, 37.0381, -120.0367



134.1430, 59.5825, -117.6434

Sweetspot

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



168.7940, -20.6044, 75.6027



229.5360, -6.1802, 22.3319



179.4080, 35.2949, 66.2942



112.4640, -3.6798, 13.6251



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.



168.7940, -20.6044, 75.6027



151.8560, -24.5790, 90.4573



205.1880, -38.5467, 43.6851



118.8870, -1.9163, 7.9921



62.3920, -30.7593, 112.7892



20.8970, -10.3022, 37.8013

Inverse Universe

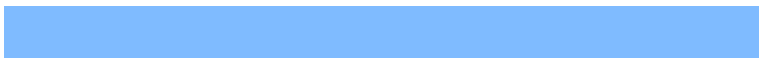
The Inverse Universe completely reimagines the original color for something new.



213.2060, 20.6044, -75.6027



205.1440, 24.5790, -90.4573



176.8120, 38.5467, -43.6851



123.5260, 2.2057, -7.4773



128.6080, 30.7593, -112.7892



43.1030, 10.3022, -37.8013

Previews

White Background



This preview shows how the YUV color 168.7940, -20.6044, 75.6027 looks on a white background.

Color Contrast Check

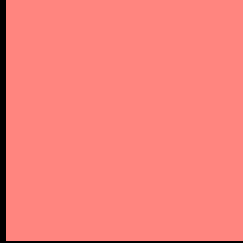
Large Text (above 18pt) WCAG AA × Fail

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 168.7940, -20.6044, 75.6027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

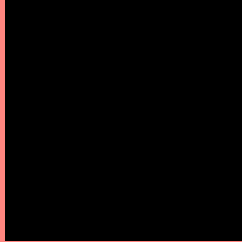
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 168.7940, -20.6044, 75.6027

Background



This preview shows how black text looks on a background with the YUV color 168.7940, -20.6044, 75.6027.



This preview shows how white text looks on a background with the YUV color 168.7940, -20.6044,

75.6027.

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

168.7940, -20.6044, 75.6027

Protanopia

168.8410, -12.2466, 8.0324

Deuteranopia

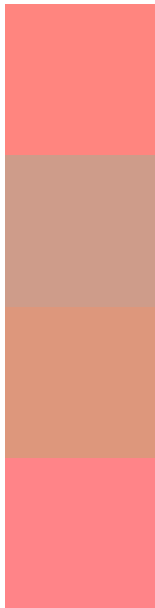
169.1010, -23.2208, 27.9754



Tritanopia

169.8030, -14.1999, 74.7178

Trichromacy



Original Color

168.7940, -20.6044, 75.6027

Protanomaly

168.8980, -15.2327, 32.5385

Deuteranomaly

168.8520, -22.1120, 45.7338

Tritanomaly

169.2330, -16.3839, 75.2177

Monochromacy



Original Color

168.7940, -20.6044, 75.6027

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

168.9280, -7.3595, 27.2501

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.7940, -20.6044, 75.6027 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(255, 133, 127)` looks like.

```
.text, #text, p{  
    color:rgb(255, 133, 127)  
}
```

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(255, 133, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 133, 127) }
```

Border

The CSS property to change the border of an element to YUV 168.7940, -20.6044, 75.6027 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(255, 133, 127) }
```


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

```
.border{ border-color:rgb(255, 133, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 133, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 133, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 133, 127);  
box-shadow:4px 4px 4px 4px rgb(255, 133,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 168.7940, -20.6044, 75.6027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 133, 127) }
```

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

```
.background{ background-color: rgb(255,  
133, 127) }
```

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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