

# Converting Colors

YUV(163.6200, -20.0257,  
76.6323)

Have a look what the booklet for  
YUV(163.6200, -20.0257, 76.6323)  
contains.

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# Color

**YUV(163.6200, -20.0257,  
76.6323)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FB7F7B
RGB	251, 127, 123
RGB Percent	98%, 50%, 48%
CMY	0.0157, 0.5020, 0.5176
CMYK	0.00, 0.49, 0.51, 0.02
HSL	2°, 94%, 73%
HSV	2°, 51%, 98%
XYZ	50.9482, 37.1180, 23.2181
YIQ	163.6200, 75.1880, 25.0440

# Conversions

## Conversions Part 2

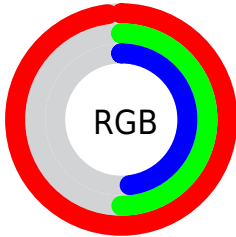
Format	Color
R <sub>Y</sub> B	251, 127, 123
Decimal	16482171
CIE Lab	67.37, 46.83, 24.25
CIE LCh	67, 52.734, 27.374
Yxy	37.1180, 0.4578, 0.3335
Android (android.graphics.Color)	4294672251 (0xFFFB7F7B)
YUV	163.6200, -20.0257, 76.6323
Hunter-Lab	60.9246, 42.6527, 20.0520

# Details

The YUV color **163.6200, -20.0257, 76.6323** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **210.3800, 20.0257, -76.6323**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.0290, -13.8183, 45.5786**, and **108.6840, -17.0992, 71.3141** is the 20% darker color. If you saturate the color by 10%, you get **146.6820, -24.0002, 91.4869**, and if you desaturate by 10%, it is **180.5580, -16.0511, 61.7776**.

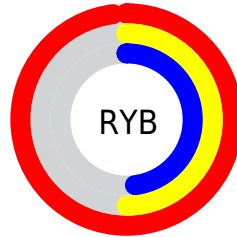
# Distribution



Red (98%)

Green (50%)

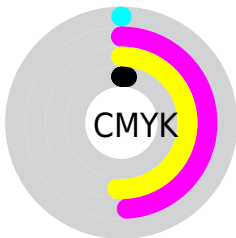
Blue (48%)



Red (98%)

Yellow (50%)

Blue (48%)

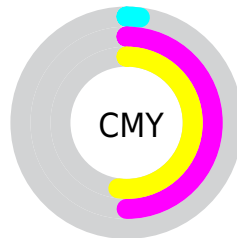


Cyan (0%)

Magenta (49%)

Yellow (51%)

Black (2%)



Cyan (2%)

Magenta (50%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 163.6200, -20.0257, 76.6323 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 163.6200, -20.0257, 76.6323 by changing the saturation by 10% instead.



163.6200,  
-20.0257, 76.6323

163.6200,  
-20.0257, 76.6323

255.0000, 0.0000,  
0.0000

135.6520,  
-18.5624, 73.9732

203.0290,  
-13.8183, 45.5786

108.6840,  
-17.0992, 71.3141

223.2440, -9.9803,  
27.8500

81.3570, -14.4730,  
68.9699

242.8720, -5.8529,  
10.6363

51.3940, -10.5472,  
69.8145

31.4100, -11.5411,  
61.9074

21.8270, -10.7607,  
44.8787

14.2810, -6.0545,

28.6946

■ 0.0000, 0.0000,  
0.0000

■ 163.6200,  
-20.0257, 76.6323

■ 163.6200,  
-20.0257, 76.6323

■ 146.6820,  
-24.0002, 91.4869

■ 180.5580,  
-16.0511, 61.7776

■ 129.1570,  
-27.6854, 106.8563

■ 198.0830,  
-12.3659, 46.4082

■ 112.2190,  
-31.6600, 121.7109

■ 215.0210, -8.3914,  
31.5536

■ 95.2810, -35.6345,  
136.5656

■ 231.9590, -4.4168,  
16.6990

■ 79.7450, -39.3143,  
150.1906

■ 249.5980, -0.2948,  
1.2296

253.8040, 0.5896,  
-2.4591

# Harmonies

## Analogous

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



165.7330, 2.1036, 72.1482



163.6200, -20.0257, 76.6323



162.1130, -38.0167, 60.4139

# Triad

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



163.6200, -20.0257, 76.6323



146.0880, -17.2984, -51.8202



144.7070, 54.3744, -80.4270

# Complementary

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



163.6200, -20.0257, 76.6323



210.3800, 20.0257, -76.6323

# 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.



134.5360, 53.4728, -117.9881



163.6200, -20.0257, 76.6323



127.7810, 14.8980, -112.0639

# Square

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



163.6200, -20.0257, 76.6323



154.9400, -39.4104, -6.0864



133.2530, 35.8643, -116.8629



166.0370, 40.9008, -5.2944



# Rectangle

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



163.6200, -20.0257, 76.6323



160.4560, -45.0878, 41.6961



133.2530, 35.8643, -116.8629



131.7950, 60.7401, -115.5842

# Sweetspot

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



163.6200, -20.0257, 76.6323



228.9490, -5.8909, 22.8467



175.6360, 36.1685, 66.0942



111.8770, -3.3904, 14.1399



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.



163.6200, -20.0257, 76.6323



148.5790, -24.4424, 93.3312



200.0140, -37.9679, 44.7147



116.4740, -2.2057, 7.4773



60.0330, -29.5963, 113.1041



19.4130, -9.5706, 36.4718



# Inverse Universe

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



210.3800, 20.0257, -76.6323



205.4210, 24.4424, -93.3312



173.9860, 37.9679, -44.7147



121.1130, 1.9163, -7.9921



128.9670, 29.5963, -113.1041

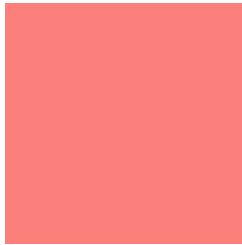


41.5870, 9.5706, -36.4718



# Previews

## White Background



This preview shows how the YUV color 163.6200, -20.0257, 76.6323 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

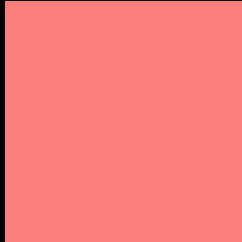
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 163.6200, -20.0257, 76.6323 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 163.6200, -20.0257, 76.6323

## Background



This preview shows how black text looks on a background with the YUV color 163.6200, -20.0257, 76.6323.



This preview shows how white text looks on a background with the YUV color 163.6200, -20.0257, 76.6323.



# 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

163.6200, -20.0257, 76.6323

### Protanopia

163.9550, -11.8098, 7.9325

### Deuteranopia

163.9160, -22.6366, 27.2607



## Tritanopia

163.9990, -14.7895, 77.1769

# Trichromacy



## Original Color

163.6200, -20.0257, 76.6323

## Protanomaly

164.0120, -14.7959, 32.4385

## Deuteranomaly

163.6670, -21.5278, 45.0190

## Tritanomaly

164.1300, -16.8261, 77.0620

# Monochromacy



## Original Color

163.6200, -20.0257, 76.6323

## Achromatopsia

164.0000, 0.0000, 0.0000

## Achromatomaly

164.2270, -7.5069, 27.8649

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 163.6200, -20.0257, 76.6323 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(251, 127, 123)` looks like.

```
.text, #text, p{  
    color:rgb(251, 127, 123)  
}
```

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(251, 127, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 127, 123) }
```

## Border

The CSS property to change the border of an element to YUV 163.6200, -20.0257, 76.6323 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(251, 127, 123) }
```



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

```
.border{ border-color:rgb(251, 127, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 127, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 127, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 127, 123);  
box-shadow:4px 4px 4px 4px rgb(251, 127,  
123) }
```

# Background

The CSS property to change the background color of an element to YUV 163.6200, -20.0257, 76.6323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 127, 123) }
```

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

```
.background{ background-color: rgb(251,  
127, 123) }
```

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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