

Converting Colors

YUV(163.5060, -20.4625,
76.7322)

Have a look what the booklet for
YUV(163.5060, -20.4625, 76.7322)
contains.

YUV(163.5060, -20.4625, 76.7322)	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(163.5060, -20.4625,
76.7322)**

Conversions

Conversions Part 1

Format	Color
Hex	FB7F7A
RGB	251, 127, 122
RGB Percent	98%, 50%, 48%
CMY	0.0157, 0.5020, 0.5216
CMYK	0.00, 0.49, 0.51, 0.02
HSL	2°, 94%, 73%
HSV	2°, 51%, 98%
XYZ	50.8859, 37.0931, 22.8901
YIQ	163.5060, 75.5090, 24.7330

Conversions

Conversions Part 2

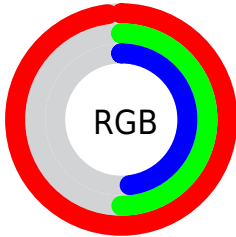
Format	Color
R _Y B	251, 127, 122
Decimal	16482170
CIE Lab	67.35, 46.74, 24.78
CIE LCh	67, 52.906, 27.930
Yxy	37.0931, 0.4590, 0.3346
Android (android.graphics.Color)	4294672250 (0xFFFB7F7A)
YUV	163.5060, -20.4625, 76.7322
Hunter-Lab	60.9041, 42.5560, 20.3495

Details

The YUV color **163.5060, -20.4625, 76.7322** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **209.4940, 20.4625, -76.7322**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.9150, -14.2551, 45.6785**, and **108.5700, -17.5360, 71.4141** is the 20% darker color. If you saturate the color by 10%, you get **146.5680, -24.4370, 91.5869**, and if you desaturate by 10%, it is **180.4440, -16.4879, 61.8776**.

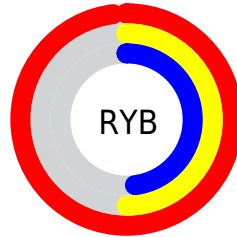
Distribution



Red (98%)

Green (50%)

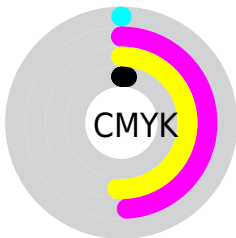
Blue (48%)



Red (98%)

Yellow (50%)

Blue (48%)

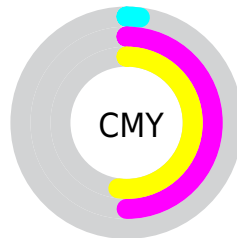


Cyan (0%)

Magenta (49%)

Yellow (51%)

Black (2%)



Cyan (2%)

Magenta (50%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.5060, -20.4625, 76.7322 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 163.5060, -20.4625, 76.7322 by changing the saturation by 10% instead.

163.5060,
-20.4625, 76.7322

163.5060,
-20.4625, 76.7322

255.0000, 0.0000,
0.0000

135.5380,
-18.9992, 74.0732

202.9150,
-14.2551, 45.6785

108.5700,
-17.5360, 71.4141

223.1300,
-10.4171, 27.9500

81.2430, -14.9098,
69.0699

242.7580, -6.2897,
10.7362

51.3940, -10.5472,
69.8145

31.1820, -12.4147,
62.1074

21.8270, -10.7607,
44.8787

14.2810, -6.0545,

28.6946

■ 0.0000, 0.0000,
0.0000

■ 163.5060,
-20.4625, 76.7322

■ 163.5060,
-20.4625, 76.7322

■ 146.5680,
-24.4370, 91.5869

■ 180.4440,
-16.4879, 61.8776

■ 129.6300,
-28.4116, 106.4415

■ 197.3820,
-12.5133, 47.0230

■ 112.6920,
-32.3862, 121.2961

■ 214.3200, -8.5388,
32.1684

■ 95.1670, -36.0713,
136.6655

■ 231.8450, -4.8536,
16.7989

■ 80.9190, -39.8931,
149.1610

■ 248.8970, -0.4422,
1.8443

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.



165.9180, 1.5194, 72.8629



163.5060, -20.4625, 76.7322



162.5860, -38.7429, 59.9991

Triad

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



163.5060, -20.4625, 76.7322



145.4900, -17.0036, -53.0497



145.3050, 54.0796, -79.1975

Complementary

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



163.5060, -20.4625, 76.7322



209.4940, 20.4625, -76.7322

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.



134.6500, 53.9096, -118.0880



163.5060, -20.4625, 76.7322



128.4820, 15.0454, -112.6787

Square

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



163.5060, -20.4625, 76.7322



154.6410, -39.2630, -6.7012



133.3670, 36.3011, -116.9629



166.2220, 40.3166, -4.5797

Rectangle

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



163.5060, -20.4625, 76.7322



160.9290, -45.8140, 41.2813



133.3670, 36.3011, -116.9629



131.7950, 60.7401, -115.5842

Sweetspot

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



163.5060, -20.4625, 76.7322



228.9490, -5.8909, 22.8467



174.8210, 35.5842, 66.8090



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.



163.5060, -20.4625, 76.7322



147.7640, -25.0267, 94.0460



201.0740, -38.9835, 43.7851



116.4740, -2.2057, 7.4773



60.6200, -29.8857, 112.5893



19.4130, -9.5706, 36.4718

Inverse Universe

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



209.4940, 20.4625, -76.7322



204.2360, 25.0267, -94.0460



171.9260, 38.9835, -43.7851



120.5260, 2.2057, -7.4773



127.7930, 30.1751, -112.0745



41.5870, 9.5706, -36.4718

Previews

White Background



This preview shows how the YUV color 163.5060, -20.4625, 76.7322 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 163.5060, -20.4625, 76.7322 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 163.5060, -20.4625, 76.7322

Background



This preview shows how black text looks on a background with the YUV color 163.5060, -20.4625, 76.7322.



This preview shows how white text looks on a background with the YUV color 163.5060, -20.4625, 76.7322.

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

163.5060, -20.4625, 76.7322

Protanopia

163.8410, -12.2466, 8.0324

Deuteranopia

163.8020, -23.0734, 27.3606



Tritanopia

163.9990, -14.7895, 77.1769

Trichromacy



Original Color

163.5060, -20.4625, 76.7322

Protanomaly

163.8980, -15.2327, 32.5385

Deuteranomaly

163.5530, -21.9646, 45.1190

Tritanomaly

164.1300, -16.8261, 77.0620

Monochromacy



Original Color

163.5060, -20.4625, 76.7322

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 163.5060, -20.4625, 76.7322 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, 122)` looks like.

```
.text, #text, p{  
    color:rgb(251, 127, 122)  
}
```

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, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 127, 122) }
```

Border

The CSS property to change the border of an element to YUV 163.5060, -20.4625, 76.7322 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, 122) }
```


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

```
.border{ border-color:rgb(251, 127, 122) }
```

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, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 127, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 127, 122);  
box-shadow:4px 4px 4px 4px rgb(251, 127,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 163.5060, -20.4625, 76.7322 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, 122) }
```

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

```
.background{ background-color: rgb(251,  
127, 122) }
```

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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