

Converting Colors

YUV(158.7080, -23.5200,
77.4321)

Have a look what the booklet for
YUV(158.7080, -23.5200, 77.4321)
contains.

YUV(158.7080, -23.5200, 77.4321)	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(158.7080, -23.5200,
77.4321)**

Conversions

Conversions Part 1

Format	Color
Hex	F77B6F
RGB	247, 123, 111
RGB Percent	97%, 48%, 44%
CMY	0.0314, 0.5176, 0.5647
CMYK	0.00, 0.50, 0.55, 0.03
HSL	5°, 89%, 70%
HSV	5°, 55%, 97%
XYZ	48.3100, 35.0878, 19.2653
YIQ	158.7080, 77.7560, 22.5560

Conversions

Conversions Part 2

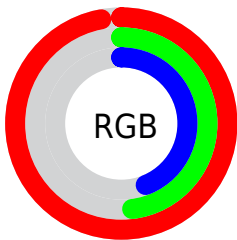
Format	Color
R_{YB}	247, 124, 111
Decimal	16218991
CIE Lab	65.82, 46.37, 28.78
CIE LCh	66, 54.576, 31.831
Yxy	35.0878, 0.4706, 0.3418
Android (android.graphics.Color)	4294409071 (0xFFFF77B6F)
YUV	158.7080, -23.5200, 77.4321
Hunter-Lab	59.2349, 41.9173, 22.1812

Details

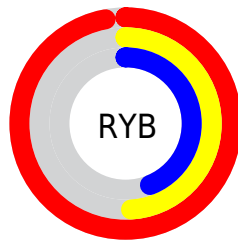
The YUV color **158.7080, -23.5200, 77.4321** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **199.2920, 23.5200, -77.4321**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.3130, -17.9023, 48.8375**, and **103.8860, -20.1568, 72.0140** is the 20% darker color. If you saturate the color by 10%, you get **142.3570, -27.7840, 91.7719**, and if you desaturate by 10%, it is **175.0590, -19.2561, 63.0923**.

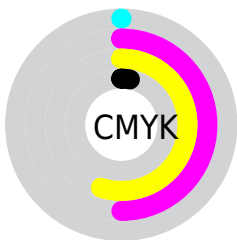
Distribution



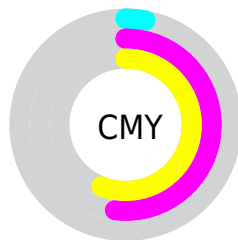
- Red (97%)
- Green (48%)
- Blue (44%)



- Red (97%)
- Yellow (49%)
- Blue (44%)



- Cyan (0%)
- Magenta (50%)
- Yellow (55%)
- Black (3%)



- Cyan (3%)
- Magenta (52%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.7080, -23.5200, 77.4321 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 158.7080, -23.5200, 77.4321 by changing the saturation by 10% instead.

158.7080,
-23.5200, 77.4321

158.7080,
-23.5200, 77.4321

255.0000, 0.0000,
0.0000

130.8540,
-21.6200, 74.6730

199.3130,
-17.9023, 48.8375

103.8860,
-20.1568, 72.0140

218.8270,
-14.2117, 31.7237

76.5590, -17.5306,
69.6698

239.0420,
-10.3737, 13.9952

45.2370, -12.4418,
70.8292

253.9740, -3.9312,
0.8998

29.0030, -14.2985,
59.6334

20.3320, -10.0237,
41.8048

12.3730, -5.6069,

25.1059

■ 0.0000, 0.0000,
0.0000

■ 158.7080,
-23.5200, 77.4321

■ 158.7080,
-23.5200, 77.4321

■ 142.3570,
-27.7840, 91.7719

■ 175.0590,
-19.2561, 63.0923

■ 126.7070,
-31.9006, 105.4970

■ 190.7090,
-15.1395, 49.3672

■ 110.3560,
-36.1645, 119.8368

■ 207.0600,
-10.8756, 35.0274

■ 94.5920, -40.7179,
133.6618

■ 222.8240, -6.3222,
21.2024

■ 86.7670, -42.7761,
140.5243

■ 239.1750, -2.0583,
6.8625

252.6080, 1.1793,
-4.9182

Harmonies

Analogous

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



160.3700, -0.6754, 76.8515



158.7080, -23.5200, 77.4321



157.1790, -41.5002, 57.7250

Triad

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



158.7080, -23.5200, 77.4321



137.8630, -12.7505, -63.9009



144.1750, 54.6367, -71.1905

Complementary

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



158.7080, -23.5200, 77.4321



199.2920, 23.5200, -77.4321

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.



131.8290, 55.7933, -115.6140



158.7080, -23.5200, 77.4321



126.3620, 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.



158.7080, -23.5200, 77.4321



149.2380, -38.0783, -13.3637



131.3610, 38.7690, -115.2036



163.0380, 39.4213, 2.5977

Rectangle

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



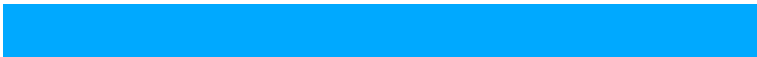
158.7080, -23.5200, 77.4321



156.0380, -47.8397, 37.6777



131.3610, 38.7690, -115.2036



128.2730, 62.4764, -112.4954

Sweetspot

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



158.7080, -23.5200, 77.4321



226.6180, -7.2067, 24.8910



165.9140, 34.5524, 71.1124



110.9480, -4.4114, 14.9546



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.



158.7080, -23.5200, 77.4321



146.0370, -29.1052, 95.5606



198.0370, -42.9092, 42.9406



114.1750, -2.0583, 6.8625



65.0060, -32.0480, 106.1117



20.5760, -10.1440, 33.6978

Inverse Universe

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



199.2920, 23.5200, -77.4321



195.9630, 29.1052, -95.5606



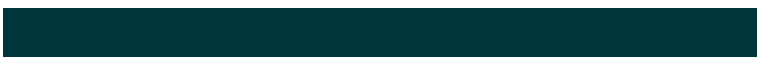
159.9630, 42.9092, -42.9406



117.8250, 2.0583, -6.8625



120.9940, 32.0480, -106.1117



37.8370, 10.4334, -33.1830

Previews

White Background



This preview shows how the YUV color 158.7080, -23.5200, 77.4321 looks on a white background.

Color Contrast Check

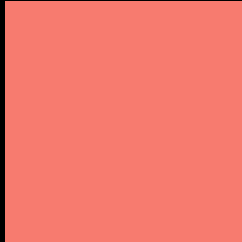
Large Text (above 18pt) WCAG AA × Fail

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 158.7080, -23.5200, 77.4321 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 158.7080, -23.5200, 77.4321

Background



This preview shows how black text looks on a background with the YUV color 158.7080, -23.5200, 77.4321.



This preview shows how white text looks on a background with the YUV color 158.7080, -23.5200, 77.4321.

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

158.7080, -23.5200, 77.4321

Protanopia

159.2280, -15.8884, 9.4470

Deuteranopia

159.6020, -26.4258, 29.2900



Tritanopia

159.2980, -14.9369, 77.7917

Trichromacy



Original Color

158.7080, -23.5200, 77.4321

Protanomaly

159.2850, -18.8745, 33.9531

Deuteranomaly

159.3530, -25.3170, 47.0484

Tritanomaly

159.0870, -18.2839, 77.9767

Monochromacy



Original Color

158.7080, -23.5200, 77.4321

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.9990, -8.3805, 28.0649

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.7080, -23.5200, 77.4321 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, 123, 111)` looks like.

```
.text, #text, p{  
    color:rgb(247, 123, 111)  
}
```

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, 123, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 123, 111) }
```

Border

The CSS property to change the border of an element to YUV 158.7080, -23.5200, 77.4321 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, 123, 111) }
```


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

```
.border{ border-color:rgb(247, 123, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 123, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 123, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 123, 111);  
box-shadow:4px 4px 4px 4px rgb(247, 123,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 158.7080, -23.5200, 77.4321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 123, 111) }
```

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

```
.background{ background-color: rgb(247,  
123, 111) }
```

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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