

Converting Colors

YUV(153.9410, -20.1839,
80.7357)

Have a look what the booklet for
YUV(153.9410, -20.1839, 80.7357)
contains.

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Color

**YUV(153.9410, -20.1839,
80.7357)**

Conversions

Conversions Part 1

Format	Color
Hex	F67371
RGB	246, 115, 113
RGB Percent	96%, 45%, 44%
CMY	0.0353, 0.5490, 0.5569
CMYK	0.00, 0.53, 0.54, 0.04
HSL	1°, 88%, 70%
HSV	1°, 54%, 96%
XYZ	47.1174, 33.0466, 19.5180
YIQ	153.9410, 78.7180, 27.1500

Conversions

Conversions Part 2

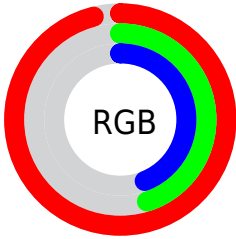
Format	Color
R _Y B	246, 115, 113
Decimal	16151409
CIE Lab	64.20, 50.03, 25.50
CIE LCh	64, 56.159, 27.010
Yxy	33.0466, 0.4727, 0.3315
Android (android.graphics.Color)	4294341489 (0xFFFF67371)
YUV	153.9410, -20.1839, 80.7357
Hunter-Lab	57.4861, 45.7034, 20.1098

Details

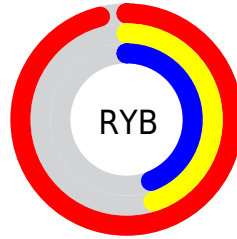
The YUV color **153.9410, -20.1839, 80.7357** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **205.0590, 20.1839, -80.7357**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.8450, -14.7136, 52.7559**, and **98.5320, -16.5313, 75.8324** is the 20% darker color. If you saturate the color by 10%, you get **137.0030, -24.1585, 95.5904**, and if you desaturate by 10%, it is **170.8790, -16.2093, 65.8811**.

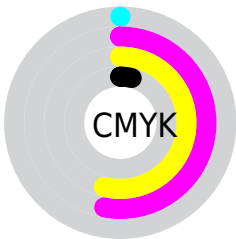
Distribution



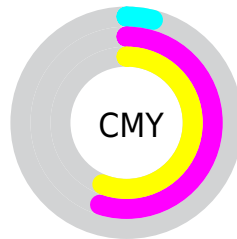
- Red (96%)
- Green (45%)
- Blue (44%)



- Red (96%)
- Yellow (45%)
- Blue (44%)



- Cyan (0%)
- Magenta (53%)
- Yellow (54%)
- Black (4%)



- Cyan (4%)
- Magenta (55%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.9410, -20.1839, 80.7357 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 153.9410, -20.1839, 80.7357 by changing the saturation by 10% instead.

153.9410,
-20.1839, 80.7357

153.9410,
-20.1839, 80.7357

255.0000, 0.0000,
0.0000

126.0870,
-18.2839, 77.9767

194.8450,
-14.7136, 52.7559

98.5320, -16.5313,
75.8324

214.3590,
-11.0230, 35.6422

69.4440, -13.0369,
75.0326

234.5740, -7.1850,
17.9136

39.9970, -8.3795,
74.5476

254.2020, -3.0576,
0.6998

28.7040, -14.1511,
59.0186

20.0330, -9.8763,
41.1901

11.4760, -5.1647,

23.2615

■ 0.0000, 0.0000,
0.0000

■ 153.9410,
-20.1839, 80.7357

■ 153.9410,
-20.1839, 80.7357

■ 137.0030,
-24.1585, 95.5904

■ 170.8790,
-16.2093, 65.8811

■ 120.1790,
-27.6962, 110.3450

■ 187.7030,
-12.6716, 51.1265

■ 102.6540,
-31.3814, 125.7144

■ 205.2280, -8.9864,
35.7570

■ 85.8300, -34.9192,
140.4691

■ 222.0520, -5.4486,
21.0024

■ 75.9020, -37.4197,
149.1759

■ 238.9900, -1.4741,
6.1478

252.3090, 1.3267,
-5.5330

Harmonies

Analogous

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



156.3960, 3.2558, 75.9517



153.9410, -20.1839, 80.7357



152.9670, -39.9167, 63.1729

Triad

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



153.9410, -20.1839, 80.7357



135.2400, -17.8663, -56.3385



124.7510, 64.2128, -109.4066

Complementary

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



153.9410, -20.1839, 80.7357



205.0590, 20.1839, -80.7357

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.



129.3840, 54.0407, -113.4698



153.9410, -20.1839, 80.7357



122.6460, 12.9925, -107.5605

Square

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



153.9410, -20.1839, 80.7357



145.5440, -42.1732, -6.6161



128.4600, 35.2692, -112.6594



157.0090, 43.3796, -7.0239

Rectangle

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



153.9410, -20.1839, 80.7357



151.2560, -48.4402, 43.6255



128.4600, 35.2692, -112.6594



126.8710, 62.1816, -111.2659

Sweetspot

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



153.9410, -20.1839, 80.7357



226.8460, -6.3331, 24.6911



167.9290, 38.4890, 68.4683



111.0620, -3.9746, 14.8546



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.



153.9410, -20.1839, 80.7357



140.3950, -25.3377, 100.5086



192.0960, -38.9943, 47.2738



113.5880, -1.7689, 7.3773



57.3750, -28.2859, 112.8041



18.2280, -8.9864, 35.7570

Inverse Universe

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



205.0590, 20.1839, -80.7357



204.1920, 25.0483, -101.0234



167.4910, 38.7049, -47.7886



118.4120, 1.7689, -7.3773



128.6250, 28.2859, -112.8041



40.7720, 8.9864, -35.7570

Previews

White Background



This preview shows how the YUV color 153.9410, -20.1839, 80.7357 looks on a white background.

Color Contrast Check

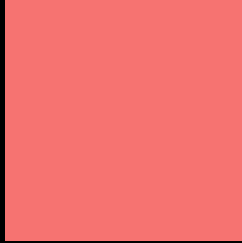
Large Text (above 18pt) WCAG AA × Fail

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 153.9410, -20.1839, 80.7357 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 153.9410, -20.1839, 80.7357

Background



This preview shows how black text looks on a background with the YUV color 153.9410, -20.1839, 80.7357.



This preview shows how white text looks on a background with the YUV color 153.9410, -20.1839, 80.7357.

80.7357.

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

153.9410, -20.1839, 80.7357

Protanopia

155.5420, -12.0992, 7.4177

Deuteranopia

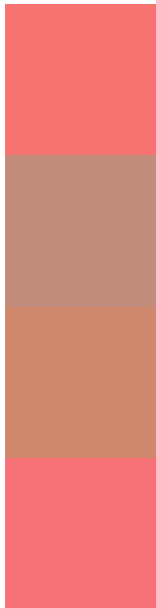
155.2750, -23.7996, 26.9458



Tritanopia

154.5650, -16.5475, 81.0655

Trichromacy



Original Color

153.9410, -20.1839, 80.7357

Protanomaly

154.9090, -15.2381, 34.2828

Deuteranomaly

155.0370, -22.6962, 46.4486

Tritanomaly

154.2230, -17.8579, 81.3654

Monochromacy



Original Color

153.9410, -20.1839, 80.7357

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.9390, -7.3649, 28.9945

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.9410, -20.1839, 80.7357 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(246, 115, 113)` looks like.

```
.text, #text, p{  
    color:rgb(246, 115, 113)  
}
```

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(246, 115, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 115, 113) }
```

Border

The CSS property to change the border of an element to YUV 153.9410, -20.1839, 80.7357 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(246, 115, 113) }
```


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

```
.border{ border-color:rgb(246, 115, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 115, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 115, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 115, 113);  
box-shadow:4px 4px 4px 4px rgb(246, 115,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 153.9410, -20.1839, 80.7357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 115, 113) }
```

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

```
.background{ background-color: rgb(246,  
115, 113) }
```

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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