

Converting Colors

YUV(118.3240, -20.8657,
112.8489)

Have a look what the booklet for
YUV(118.3240, -20.8657, 112.8489)
contains.

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Color

**YUV(118.3240, -20.8657,
112.8489)**

Conversions

Conversions Part 1

Format	Color
Hex	F73D4C
RGB	247, 61, 76
RGB Percent	97%, 24%, 30%
CMY	0.0314, 0.7608, 0.7020
CMYK	0.00, 0.75, 0.69, 0.03
HSL	355°, 92%, 60%
HSV	355°, 75%, 97%
XYZ	41.3310, 23.6334, 9.2208
YIQ	118.3240, 106.0410, 44.0970

Conversions

Conversions Part 2

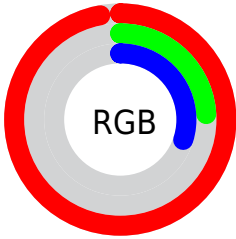
Format	Color
R_{YB}	247, 61, 76
Decimal	16203084
CIE _{Lab}	55.72, 69.67, 35.83
CIE _{LCh}	56, 78.343, 27.212
Yxy	23.6334, 0.5571, 0.3186
Android (android.graphics.Color)	4294393164 (0xFFFF73D4C)
YUV	118.3240, -20.8657, 112.8489
Hunter-Lab	48.6142, 66.6828, 22.7843

Details

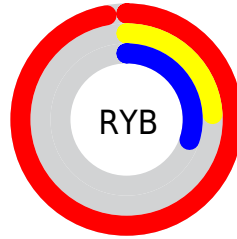
The YUV color **118.3240, -20.8657, 112.8489** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **189.6760, 20.8657, -112.8489**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.6960, -18.5841, 80.9506**, and **58.3650, -12.9979, 109.3049** is the 20% darker color. If you saturate the color by 10%, you get **101.0270, -23.6773, 128.0183**, and if you desaturate by 10%, it is **135.6210, -18.0542, 97.6794**.

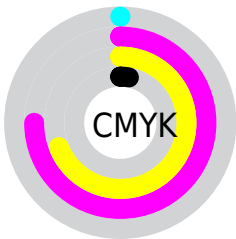
Distribution



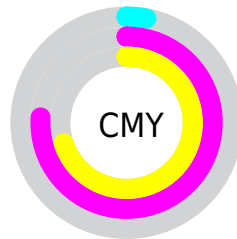
- Red (97%)
- Green (24%)
- Blue (30%)



- Red (97%)
- Yellow (24%)
- Blue (30%)



- Cyan (0%)
- Magenta (75%)
- Yellow (69%)
- Black (3%)



- Cyan (3%)
- Magenta (76%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.3240, -20.8657, 112.8489 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 118.3240, -20.8657, 112.8489 by changing the saturation by 10% instead.

■ 118.3240,
-20.8657, 112.8489

■ 118.3240,
-20.8657, 112.8489

255.0000, 0.0000,
0.0000

■ 80.3060, -13.4619,
118.1266

■ 162.6960,
-18.5841, 80.9506

■ 58.3650, -12.9979,
109.3049

■ 182.6830,
-15.6197, 63.4220

■ 46.4030, -17.4537,
91.7316

■ 202.7840,
-12.2185, 45.7934

■ 35.5810, -17.5414,
73.1585

■ 223.4720, -9.1067,
27.6501

■ 26.5400, -12.0982,
53.9004

■ 244.2740, -5.5581,
9.4067

■ 17.5700, -7.6760,
35.4571

■ 5.6810, -2.8007,

11.6808

■ 0.0000, 0.0000,
0.0000

■ 118.3240,
-20.8657, 112.8489

■ 118.3240,
-20.8657, 112.8489

■ 101.0270,
-23.6773, 128.0183

■ 135.6210,
-18.0542, 97.6794

■ 84.4310, -26.3415,
142.5730

■ 152.2170,
-15.3900, 83.1247

■ 76.1330, -27.6736,
149.8504

■ 169.5140,
-12.5784, 67.9552

■ 186.8110, -9.7668,
52.7858

■ 204.1080, -6.9552,
37.6163

220.7040, -4.2911,
23.0616

238.0010, -1.4795,
7.8921

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.



116.5700, 13.0300, 114.3871



118.3240, -20.8657, 112.8489



122.9960, -60.6370, 82.4415

Triad

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



118.3240, -20.8657, 112.8489



98.7880, -22.5735, -86.6371



113.5980, 69.7112, -99.6254

Complementary

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



118.3240, -20.8657, 112.8489



189.6760, 20.8657, -112.8489

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.



121.0180, 62.6021, -106.1328



118.3240, -20.8657, 112.8489



109.3440, 7.7184, -95.8947

Square

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



118.3240, -20.8657, 112.8489



116.4880, -57.4286, -13.5830



117.7970, 37.5681, -103.3080



131.5250, 60.8732, -18.0004

Rectangle

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



118.3240, -20.8657, 112.8489



125.7550, -61.9972, 51.9579



117.7970, 37.5681, -103.3080



117.1200, 67.9748, -102.7142

Sweetspot

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



118.3240, -20.8657, 112.8489



214.2110, -6.5130, 35.7720



133.0340, 56.1852, 85.9162



103.1060, -3.9963, 21.8320



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.



118.3240, -20.8657, 112.8489



95.9360, -25.6044, 139.4991



162.4000, -49.9902, 74.1942



113.7020, -1.3321, 7.2773



57.3240, -20.8657, 112.8489



18.2110, -6.5130, 35.7720

Inverse Universe

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



118.3240, -20.8657, 112.8489



95.9360, -25.6044, 139.4991



146.1870, 49.7008, -74.7090



113.7020, -1.3321, 7.2773



57.3240, -20.8657, 112.8489



18.2110, -6.5130, 35.7720

Previews

White Background



This preview shows how the YUV color 118.3240, -20.8657, 112.8489 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 118.3240, -20.8657, 112.8489 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 × Fail

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

YUV 118.3240, -20.8657, 112.8489 Background



This preview shows how black text looks on a background with the YUV color 118.3240, -20.8657, 112.8489.



This preview shows how white text looks on a background with the YUV color 118.3240, -20.8657, 112.8489.

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

118.3240, -20.8657, 112.8489

Protanopia

133.1570, -14.8674, 8.6323

Deuteranopia

131.4080, -32.2461, 29.4602



Tritanopia

118.2440, -26.2493, 112.9190

Trichromacy



Original Color

118.3240, -20.8657, 112.8489

Protanomaly

127.5300, -17.0233, 46.8932

Deuteranomaly

126.7460, -27.9758, 59.8588

Tritanomaly

118.1130, -24.2127, 113.0339

Monochromacy



Original Color

118.3240, -20.8657, 112.8489

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.0160, -7.4029, 41.2050

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.3240, -20.8657, 112.8489 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, 61, 76)` looks like.

```
.text, #text, p{  
    color:rgb(247, 61, 76)  
}
```

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, 61, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 61, 76) }
```

Border

The CSS property to change the border of an element to YUV 118.3240, -20.8657, 112.8489 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, 61, 76) }
```


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

```
.border{ border-color:rgb(247, 61, 76) }
```

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

Here you see how a box with a 4 pixel rgb(247, 61, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 61, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 61, 76);  
box-shadow:4px 4px 4px 4px rgb(247, 61,  
76) }
```

Background

The CSS property to change the background color of an element to YUV 118.3240, -20.8657, 112.8489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 61, 76) }
```

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

```
.background{ background-color: rgb(247, 61,  
76) }
```

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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