

Converting Colors

YUV(118.1190, -26.6807,
111.2746)

Have a look what the booklet for
YUV(118.1190, -26.6807, 111.2746)
contains.

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Color

**YUV(118.1190, -26.6807,
111.2746)**

Conversions

Conversions Part 1

Format	Color
Hex	F54040
RGB	245, 64, 64
RGB Percent	96%, 25%, 25%
CMY	0.0392, 0.7490, 0.7490
CMYK	0.00, 0.74, 0.74, 0.04
HSL	0°, 90%, 61%
HSV	0°, 74%, 96%
XYZ	40.4150, 23.4494, 7.2466
YIQ	118.1190, 107.8760, 38.3720

Conversions

Conversions Part 2

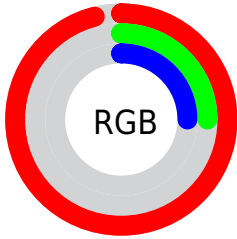
Format	Color
RYB	245, 64, 64
Decimal	16072768
CIELab	55.53, 67.66, 42.28
CIElCh	56, 79.782, 32.003
Yxy	23.4494, 0.5683, 0.3298
Android (android.graphics.Color)	4294262848 (0xFFFF54040)
YUV	118.1190, -26.6807, 111.2746
Hunter-Lab	48.4246, 64.2323, 25.0247

Details

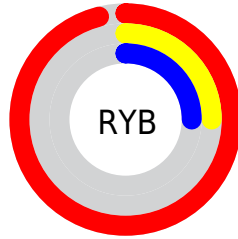
The YUV color **118.1190, -26.6807, 111.2746** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **190.8810, 26.6807, -111.2746**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.8010, -24.5519, 81.7355**, and **56.1000, -17.7973, 108.6603** is the 20% darker color. If you saturate the color by 10%, you get **101.2950, -30.2184, 126.0293**, and if you desaturate by 10%, it is **135.6440, -22.9955, 95.9052**.

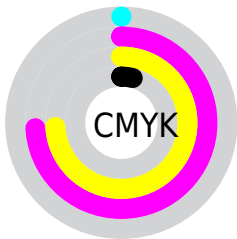
Distribution



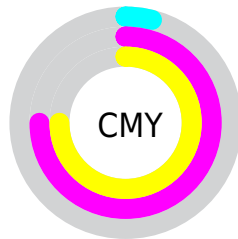
- Red (96%)
- Green (25%)
- Blue (25%)



- Red (96%)
- Yellow (25%)
- Blue (25%)



- Cyan (0%)
- Magenta (74%)
- Yellow (74%)
- Black (4%)





- Cyan (4%)
- Magenta (75%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YUV color 118.1190, -26.6807, 111.2746 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 118.1190, -26.6807, 111.2746 by changing the saturation by 10% instead.


 118.1190,
-26.6807, 111.2746


 118.1190,
-26.6807, 111.2746


255.0000, 0.0000,
0.0000

 82.7370, -20.5763,
113.3637


 161.8010,
-24.5519, 81.7355

 56.1000, -17.7973,
108.6603


 181.7880,
-21.5875, 64.2069


 44.5510, -21.9636,
91.6018


 202.4760,
-18.4757, 46.0635

 34.9830, -17.2466,
71.9289

 222.5770,
-15.0745, 28.4350

 25.9420, -11.8034,
52.6709

 243.3790,
-11.5258, 10.1916

 16.9720, -7.3812,
34.2276

 254.2020, -3.0576,

 3.8870, -1.9163,

0.6998

7.9921

■ 0.0000, 0.0000,
0.0000

■ 118.1190,
-26.6807, 111.2746

■ 118.1190,
-26.6807, 111.2746

■ 101.2950,
-30.2184, 126.0293

■ 135.6440,
-22.9955, 95.9052

■ 83.7700, -33.9036,
141.3987

■ 152.4680,
-19.4577, 81.1506

■ 73.2550, -36.1147,
150.6204

■ 169.9930,
-15.7725, 65.7811

■ 186.8170,
-12.2348, 51.0265

■ 204.3420, -8.5496,
35.6571

221.1660, -5.0118,
20.9024

238.6910, -1.3267,
5.5330

252.0100, 1.4741,
-6.1478

Harmonies

Analogous

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



112.4030, 9.6613, 121.5496



118.1190, -26.6807, 111.2746



123.5500, -60.9101, 76.6937

Triad

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



118.1190, -26.6807, 111.2746



99.9280, -18.2055, -87.6369



111.8370, 70.5794, -98.0810

Complementary

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



118.1190, -26.6807, 111.2746



190.8810, 26.6807, -111.2746

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.



120.6420, 66.2385, -105.8030



118.1190, -26.6807, 111.2746



110.5980, 12.5232, -96.9944

Square

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



118.1190, -26.6807, 111.2746



112.8780, -55.6489, -24.4490



118.4640, 42.6622, -103.8929



133.6410, 58.3510, -2.3162

Rectangle

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



118.1190, -26.6807, 111.2746



125.4120, -61.8281, 44.3657



118.4640, 42.6622, -103.8929



115.3590, 68.8430, -101.1698

Sweetspot

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



118.1190, -26.6807, 111.2746



215.7440, -8.2548, 34.4275



138.7530, 52.3798, 93.1786



104.1660, -5.0118, 20.9024



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.



118.1190, -26.6807, 111.2746



95.8730, -33.4614, 139.5544



171.5360, -53.0152, 64.4279



113.5880, -1.7689, 7.3773



55.6140, -27.4177, 114.3485



17.6410, -8.6970, 36.2718

Inverse Universe

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



190.8810, 26.6807, -111.2746



187.1270, 33.4614, -139.5544



138.0510, 52.7259, -64.9427



118.4120, 1.7689, -7.3773



130.3860, 27.4177, -114.3485



41.3590, 8.6970, -36.2718

Previews

White Background



This preview shows how the YUV color 118.1190, -26.6807, 111.2746 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 118.1190, -26.6807, 111.2746 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 118.1190, -26.6807, 111.2746 Background



This preview shows how black text looks on a background with the YUV color 118.1190, -26.6807, 111.2746.



This preview shows how white text looks on a background with the YUV color 118.1190, -26.6807, 111.2746.

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

118.1190, -26.6807, 111.2746

Protanopia

131.3440, -21.8616, 11.9763

Deuteranopia

130.1110, -38.5087, 31.4747



Tritanopia

118.3470, -25.8071, 111.0747

Trichromacy



Original Color

118.1190, -26.6807, 111.2746

Protanomaly

126.5210, -23.4279, 47.7781

Deuteranomaly

125.7370, -34.3803, 60.7437

Tritanomaly

118.2330, -26.2439, 111.1747

Monochromacy



Original Color

118.1190, -26.6807, 111.2746

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.7340, -9.7289, 40.5753

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.1190, -26.6807, 111.2746 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(245, 64, 64)` looks like.

```
.text, #text, p{  
    color:rgb(245, 64, 64)  
}
```

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(245, 64, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 64, 64) }
```

Border

The CSS property to change the border of an element to YUV 118.1190, -26.6807, 111.2746 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(245, 64, 64) }
```


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

```
.border{ border-color:rgb(245, 64, 64) }
```

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

Here you see how a box with a 4 pixel rgb(245, 64, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 64, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 64, 64);  
box-shadow:4px 4px 4px 4px rgb(245, 64,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 118.1190, -26.6807, 111.2746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 64, 64) }
```

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

```
.background{ background-color: rgb(245, 64,  
64) }
```

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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