

Converting Colors

YUV(117.0340, -31.0758,
120.9962)

Have a look what the booklet for
YUV(117.0340, -31.0758, 120.9962)
contains.

YUV(117.0340, -31.0758, 120.9962)	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(117.0340, -31.0758,
120.9962)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3B36
RGB	255, 59, 54
RGB Percent	100%, 23%, 21%
CMY	0.0000, 0.7686, 0.7882
CMYK	0.00, 0.77, 0.79, 0.00
HSL	1°, 100%, 61%
HSV	1°, 79%, 100%
XYZ	43.4698, 24.6543, 5.9577
YIQ	117.0340, 118.4210, 39.9970

Conversions

Conversions Part 2

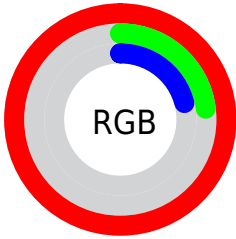
Format	Color
RYB	255, 59, 54
Decimal	16726838
CIELab	56.74, 71.71, 49.48
CIELCh	57, 87.123, 34.607
Yxy	24.6543, 0.5868, 0.3328
Android (android.graphics.Color)	4294916918 (0xFFFF3B36)
YUV	117.0340, -31.0758, 120.9962
Hunter-Lab	49.6531, 69.3787, 27.6432

Details

The YUV color **117.0340, -31.0758, 120.9962** 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 **191.9660, 31.0758, -120.9962**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.4870, -28.3411, 83.7649**, and **57.4230, -24.3655, 115.3930** is the 20% darker color. If you saturate the color by 10%, you get **99.3950, -35.1977, 136.4656**, and if you desaturate by 10%, it is **134.6730, -26.9538, 105.5268**.

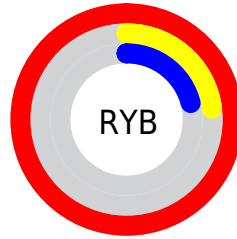
Distribution



Red (100%)

Green (23%)

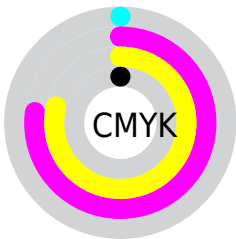
Blue (21%)



Red (100%)

Yellow (23%)

Blue (21%)

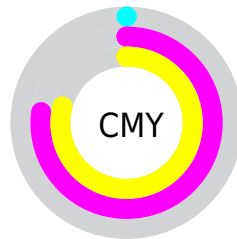


Cyan (0%)

Magenta (77%)

Yellow (79%)

Black (0%)



Cyan (0%)


Magenta (77%)


Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YUV color 117.0340, -31.0758, 120.9962 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 117.0340, -31.0758, 120.9962 by changing the saturation by 10% instead.


 117.0340,
-31.0758, 120.9962

 117.0340,
-31.0758, 120.9962


255.0000, 0.0000,
0.0000

 75.1950, -21.7881,
128.7480


 159.4870,
-28.3411, 83.7649

 57.4230, -24.3655,
115.3930


 179.4740,
-25.3767, 66.2363


 46.9430, -23.1429,
96.5200


 200.0480,
-22.7017, 48.1929

 37.0760, -18.2785,
76.2323

 220.7360,
-19.5898, 30.0495

 28.0350, -12.8353,
56.9743

 241.5380,
-16.0412, 11.8062

 19.1790, -7.9762,
38.4310

 252.9480, -7.8624,

 8.4860, -3.6906,

1.7996

17.1138

■ 0.0000, 0.0000,
0.0000

■ 117.0340,
-31.0758, 120.9962

■ 117.0340,
-31.0758, 120.9962

■ 99.3950, -35.1977,
136.4656

■ 134.6730,
-26.9538, 105.5268

■ 81.8700, -38.8829,
151.8350

■ 152.1980,
-23.2686, 90.1574

■ 79.7670, -39.3251,
153.6793

■ 169.8370,
-19.1466, 74.6880

■ 186.7750,
-15.1721, 59.8333

■ 204.3000,
-11.4869, 44.4639

■ 221.9390, -7.3649,
28.9945

■ 239.5780, -3.2430,
13.5251

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



90.8370, 18.3214, 143.9710



117.0340, -31.0758, 120.9962



126.5070, -62.3680, 77.6084

Triad

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



117.0340, -31.0758, 120.9962



103.6780, -19.0683, -90.9256



113.0110, 70.0006, -99.1106

Complementary

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



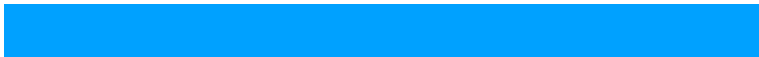
117.0340, -31.0758, 120.9962



191.9660, 31.0758, -120.9962

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.



123.5770, 64.7915, -108.3770



117.0340, -31.0758, 120.9962



115.2600, 15.1548, -101.0830

Square

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



117.0340, -31.0758, 120.9962



112.5130, -55.4689, -35.5299



123.2230, 48.2041, -108.0666



136.1090, 58.6133, 6.9204

Rectangle

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



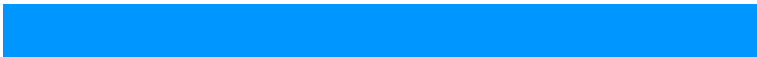
117.0340, -31.0758, 120.9962



128.0590, -63.1331, 42.9213



123.2230, 48.2041, -108.0666



117.1200, 67.9748, -102.7142

Sweetspot

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



117.0340, -31.0758, 120.9962



212.8260, -9.2812, 36.9866



136.6710, 56.8572, 103.7745



102.0630, -5.4541, 22.7467



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.



117.0340, -31.0758, 120.9962



88.8800, -37.4088, 145.6872



175.1470, -59.7255, 70.0311



118.8870, -1.9163, 7.9921



60.0440, -29.6017, 114.8484



20.3100, -10.0128, 38.3161

Inverse Universe

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



191.9660, 31.0758, -120.9962



179.1200, 37.4088, -145.6872



133.8530, 59.7255, -70.0311



123.5260, 2.2057, -7.4773



130.9560, 29.6017, -114.8484



43.6900, 10.0128, -38.3161

Previews

White Background



This preview shows how the YUV color 117.0340, -31.0758, 120.9962 looks on a white background.

Color Contrast Check

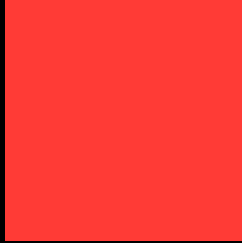
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.0340, -31.0758, 120.9962 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 117.0340, -31.0758, 120.9962 Background



This preview shows how black text looks on a background with the YUV color 117.0340, -31.0758, 120.9962.



This preview shows how white text looks on a background with the YUV color 117.0340, -31.0758, 120.9962.

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

117.0340, -31.0758, 120.9962

Protanopia

133.3460, -28.2716, 14.6056

Deuteranopia

131.1840, -45.9397, 34.9186



Tritanopia

117.1310, -28.1656, 120.9111

Trichromacy



Original Color

117.0340, -31.0758, 120.9962

Protanomaly

127.3600, -29.2645, 53.1813

Deuteranomaly

126.4620, -40.6538, 66.2468

Tritanomaly

116.9030, -29.0392, 121.1111

Monochromacy



Original Color

117.0340, -31.0758, 120.9962

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.0010, -11.3395, 43.8491

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.0340, -31.0758, 120.9962 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(255, 59, 54)` looks like.

```
.text, #text, p{  
    color:rgb(255, 59, 54)  
}
```

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(255, 59, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 59, 54) }
```

Border

The CSS property to change the border of an element to YUV 117.0340, -31.0758, 120.9962 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(255, 59, 54) }
```


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

```
.border{ border-color:rgb(255, 59, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 59, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 59, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 59, 54);  
box-shadow:4px 4px 4px 4px rgb(255, 59,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 117.0340, -31.0758, 120.9962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 59, 54) }
```

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

```
.background{ background-color: rgb(255, 59,  
54) }
```

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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