

# Converting Colors

YUV(95.0410, -31.5722,  
140.2840)

Have a look what the booklet for  
YUV(95.0410, -31.5722, 140.2840)  
contains.

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# Color

**YUV(95.0410, -31.5722,  
140.2840)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF1A1F
RGB	255, 26, 31
RGB Percent	100%, 10%, 12%
CMY	0.0000, 0.8980, 0.8784
CMYK	0.00, 0.90, 0.88, 0.00
HSL	359°, 100%, 55%
HSV	359°, 90%, 100%
XYZ	41.8567, 22.0977, 3.3555
YIQ	95.0410, 134.8790, 50.1030

# Conversions

## Conversions Part 2

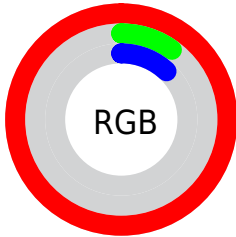
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 26, 31
Decimal	16718367
CIE <sub>Lab</sub>	54.13, 78.12, 58.21
CIE <sub>LCh</sub>	54, 97.421, 36.692
Yxy	22.0977, 0.6219, 0.3283
Android (android.graphics.Color)	4294908447 (0xFFFF1A1F)
YUV	95.0410, -31.5722, 140.2840
Hunter-Lab	47.0082, 76.6743, 28.6735

# Details

The YUV color **95.0410, -31.5722, 140.2840** 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 **185.9590, 31.5722, -140.2840**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.8260, -32.4522, 95.7456**, and **56.2120, -27.7125, 115.5781** is the 20% darker color. If you saturate the color by 10%, you get **76.9290, -34.9680, 156.1683**, and if you desaturate by 10%, it is **112.5660, -27.8870, 124.9146**.

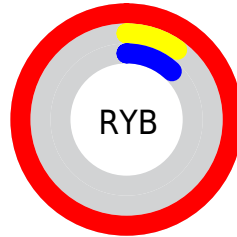
# Distribution



Red (100%)

Green (10%)

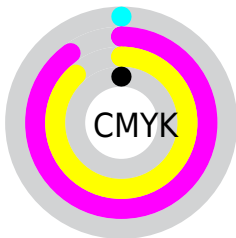
Blue (12%)



Red (100%)

Yellow (10%)

Blue (12%)

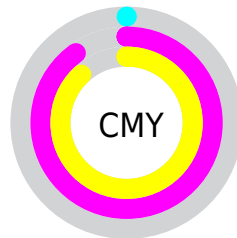


Cyan (0%)

Magenta (90%)

Yellow (88%)

Black (0%)



Cyan (0%)

Magenta (90%)


Yellow (88%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 95.0410, -31.5722, 140.2840 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 95.0410, -31.5722, 140.2840 by changing the saturation by 10% instead.





 95.0410, -31.5722,  
140.2840

 95.0410, -31.5722,  
140.2840


255.0000, 0.0000,  
0.0000

 66.5350, -30.8298,  
135.4658


 145.8260,  
-32.4522, 95.7456

 56.2120, -27.7125,  
115.5781


 166.8730,  
-30.5034, 77.2874


 46.3450, -22.8481,  
95.2904


 187.4470,  
-27.8284, 59.2440

 36.5920, -17.5469,  
74.9028

 208.6080,  
-25.4427, 40.6858

 27.5510, -12.1036,  
55.6448

 229.4100,  
-21.8941, 22.4424


 18.2820, -7.5340,  
36.5867


 250.2120,


 6.2790, -3.0955,


-18.3455, 4.1991


12.9103


 253.4040, -6.1152,  
1.3997


 0.0000, 0.0000,  
0.0000


 95.0410, -31.5722,  
140.2840


 95.0410, -31.5722,  
140.2840


 76.9290, -34.9680,  
156.1683

 112.5660,  
-27.8870, 124.9146

 130.6780,  
-24.4913, 109.0304

 148.2030,  
-20.8061, 93.6610

 166.3150,  
-17.4103, 77.7767

 183.8400,  
-13.7251, 62.4073

201.9520,  
-10.3293, 46.5231

219.4770, -6.6442,  
31.1537

237.5890, -3.2484,  
15.2694

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.



89.3550, 12.6430, 145.2707



95.0410, -31.5722, 140.2840



120.0170, -59.1684, 78.0381

# Triad

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



95.0410, -31.5722, 140.2840



99.7170, -21.5525, -87.4518



108.9020, 72.0263, -95.5071

# Complementary

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



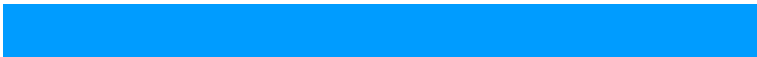
95.0410, -31.5722, 140.2840



185.9590, 31.5722, -140.2840

# 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



95.0410, -31.5722, 140.2840



111.8520, 17.3280, -98.0942

# Square

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



95.0410, -31.5722, 140.2840



97.6070, -48.1203, -59.2913



121.7870, 52.8560, -106.8072



127.8910, 62.6647, 14.1276



# Rectangle

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



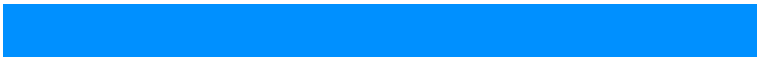
95.0410, -31.5722, 140.2840



121.8350, -60.0647, 38.7327



121.7870, 52.8560, -106.8072



113.5980, 69.7112, -99.6254

# Sweetspot

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



95.0410, -31.5722, 140.2840



206.8590, -9.2975, 42.2197



118.1850, 67.4498, 112.9708



99.3730, -5.6069, 25.1059



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.



95.0410, -31.5722, 140.2840



76.9290, -34.9680, 156.1683



157.2800, -64.7210, 85.7004



118.8870, -1.9163, 7.9921



57.5650, -26.4075, 117.0225



19.2500, -8.9972, 39.2458



# Inverse Universe

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



95.0410, -31.5722, 140.2840



76.9290, -34.9680, 156.1683



123.7200, 64.7210, -85.7004



118.8870, -1.9163, 7.9921



57.5650, -26.4075, 117.0225



19.2500, -8.9972, 39.2458



# Previews

## White Background



This preview shows how the YUV color 95.0410, -31.5722, 140.2840 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 95.0410, -31.5722, 140.2840 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 95.0410, -31.5722, 140.2840

## Background



This preview shows how black text looks on a background with the YUV color 95.0410, -31.5722, 140.2840.



This preview shows how white text looks on a background with the YUV color 95.0410, -31.5722,



# 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

95.0410, -31.5722, 140.2840

### Protanopia

125.7070, -35.8446, 16.9200

### Deuteranopia

121.2370, -59.7698, 37.5032



## Tritanopia

94.8470, -37.3926, 140.4542

# Trichromacy



## Original Color

95.0410, -31.5722, 140.2840

## Protanomaly

114.4490, -34.2384, 61.8732

## Deuteranomaly

111.8130, -49.7008, 74.7090

## Tritanomaly

94.7160, -35.3560, 140.5691

# Monochromacy



## Original Color

95.0410, -31.5722, 140.2840

## Achromatopsia

95.0000, 0.0000, 0.0000

## Achromatomaly

95.0450, -11.3612, 50.8265

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 95.0410, -31.5722, 140.2840 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, 26, 31)` looks like.

```
.text, #text, p{  
    color:rgb(255, 26, 31)  
}
```

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, 26, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 26, 31) }
```

## Border

The CSS property to change the border of an element to YUV 95.0410, -31.5722, 140.2840 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, 26, 31) }
```



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

```
.border{ border-color:rgb(255, 26, 31) }
```

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

Here you see how a box with a 4 pixel rgb(255, 26, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 26, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 26, 31);  
box-shadow:4px 4px 4px 4px rgb(255, 26,  
31) }
```

# Background

The CSS property to change the background color of an element to YUV 95.0410, -31.5722, 140.2840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 26, 31) }
```

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

```
.background{ background-color: rgb(255, 26,  
31) }
```

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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