

# Converting Colors

YUV(113.4780, -24.3927,  
124.1148)

Have a look what the booklet for  
YUV(113.4780, -24.3927, 124.1148)  
contains.

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# Color

**YUV(113.4780, -24.3927,  
124.1148)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF3340
RGB	255, 51, 64
RGB Percent	100%, 20%, 25%
CMY	0.0000, 0.8000, 0.7490
CMYK	0.00, 0.80, 0.75, 0.00
HSL	356°, 100%, 60%
HSV	356°, 80%, 100%
XYZ	43.3492, 23.9978, 7.1978
YIQ	113.4780, 117.4110, 47.2910

# Conversions

## Conversions Part 2

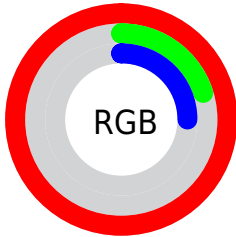
<b>Format</b>	<b>Color</b>
<b>RYB</b>	255, 51, 64
Decimal	16724800
CIELab	56.09, 74.16, 43.42
CIElCh	56, 85.934, 30.347
Yxy	23.9978, 0.5815, 0.3219
Android (android.graphics.Color)	4294914880 (0xFFFF3340)
YUV	113.4780, -24.3927, 124.1148
Hunter-Lab	48.9876, 72.2269, 25.5798

# Details

The YUV color **113.4780, -24.3927, 124.1148** 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 **192.5220, 24.3927, -124.1148**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.6920, -22.5262, 85.3391**, and **58.7910, -19.1240, 114.1933** is the 20% darker color. If you saturate the color by 10%, you get **95.4800, -27.3516, 139.8990**, and if you desaturate by 10%, it is **131.4760, -21.4337, 108.3305**.

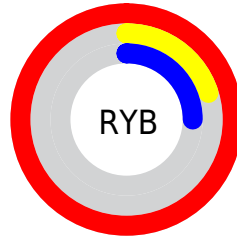
# Distribution



Red (100%)

Green (20%)

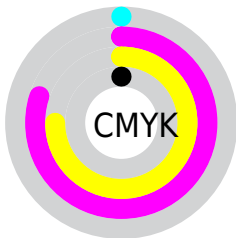
Blue (25%)



Red (100%)

Yellow (20%)

Blue (25%)

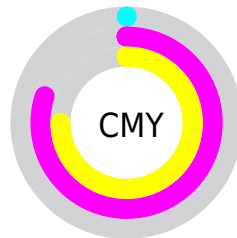


Cyan (0%)

Magenta (80%)

Yellow (75%)

Black (0%)



Cyan (0%)

Magenta (80%)


Yellow (75%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 113.4780, -24.3927, 124.1148 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 113.4780, -24.3927, 124.1148 by changing the saturation by 10% instead.





 113.4780,  
-24.3927, 124.1148


 113.4780,  
-24.3927, 124.1148


255.0000, 0.0000,  
0.0000


 71.1660, -14.3788,  
132.2814


 157.6920,  
-22.5262, 85.3391


 58.7910, -19.1240,  
114.1933


 178.2660,  
-19.8511, 67.2957

 46.9430, -23.1429,  
96.5200


 198.2530,  
-16.8867, 49.7671

 37.3750, -18.4259,  
76.8471

 219.0550,  
-13.3381, 31.5238

 28.0350, -12.8353,  
56.9743

 239.8570, -9.7895,  
13.2804

 19.1790, -7.9762,  
38.4310

 254.2020, -3.0576,

 8.1870, -3.5432,

0.6998

16.4990

■ 0.0000, 0.0000,  
0.0000

■ 113.4780,  
-24.3927, 124.1148

■ 113.4780,  
-24.3927, 124.1148

■ 95.4800, -27.3516,  
139.8990

■ 131.4760,  
-21.4337, 108.3305

■ 78.0690, -30.6000,  
155.1685

■ 148.8870,  
-18.1853, 93.0611

■ 166.8850,  
-15.2263, 77.2769

■ 184.1820,  
-12.4147, 62.1074

■ 202.1800, -9.4557,  
46.3231

■ 219.5910, -6.2074,  
31.0537

■ 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.



94.2110, 21.0950, 141.0120



113.4780, -24.3927, 124.1148



124.1810, -61.2212, 83.1563

# Triad

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



113.4780, -24.3927, 124.1148



100.5490, -23.4417, -88.1815



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.



113.4780, -24.3927, 124.1148



192.5220, 24.3927, -124.1148

# 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.



122.9900, 65.0809, -107.8622



113.4780, -24.3927, 124.1148



112.0170, 10.3446, -98.2389

# Square

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



113.4780, -24.3927, 124.1148



114.3510, -56.3750, -24.8638



121.2680, 43.2519, -106.3520



132.4660, 60.4093, -9.1787



# Rectangle

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



113.4780, -24.3927, 124.1148



126.9180, -62.5706, 49.1839



121.2680, 43.2519, -106.3520



117.7070, 67.6854, -103.2290

# Sweetspot

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



113.4780, -24.3927, 124.1148



212.6950, -7.2446, 37.1015



131.0660, 61.0995, 96.4121



102.2910, -4.5805, 22.5468



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.



113.4780, -24.3927, 124.1148



85.0790, -29.1259, 149.0207



163.6520, -55.5374, 80.1122



119.0010, -1.4795, 7.8921



58.4770, -22.9132, 116.2227



19.5920, -7.6869, 38.9458



# Inverse Universe

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



113.4780, -24.3927, 124.1148



85.0790, -29.1259, 149.0207



142.3480, 55.5374, -80.1122



119.0010, -1.4795, 7.8921



58.4770, -22.9132, 116.2227



19.5920, -7.6869, 38.9458



# Previews

## White Background



This preview shows how the YUV color 113.4780, -24.3927, 124.1148 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

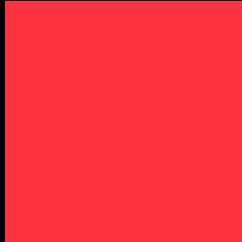
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 113.4780, -24.3927, 124.1148 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 113.4780, -24.3927, 124.1148 Background



This preview shows how black text looks on a background with the YUV color 113.4780, -24.3927, 124.1148.



This preview shows how white text looks on a background with the YUV color 113.4780, -24.3927, 124.1148.



# 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

113.4780, -24.3927, 124.1148

### Protanopia

133.2730, -20.8406, 11.1616

### Deuteranopia

131.1820, -39.5297, 32.2894



## Tritanopia

113.3980, -29.7762, 124.1850

# Trichromacy



## Original Color

113.4780, -24.3927, 124.1148

## Protanomaly

125.8960, -22.1337, 52.7112

## Deuteranomaly

124.8840, -33.9598, 65.8767

## Tritanomaly

113.2670, -27.7396, 124.2998

# Monochromacy



## Original Color

113.4780, -24.3927, 124.1148

## Achromatopsia

113.0000, 0.0000, 0.0000

## Achromatomaly

112.9950, -8.8715, 45.6084

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 113.4780, -24.3927, 124.1148 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, 51, 64)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 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(255, 51, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 64) }
```

## Border

The CSS property to change the border of an element to YUV 113.4780, -24.3927, 124.1148 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, 51, 64) }
```



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

```
.border{ border-color:rgb(255, 51, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 51, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 64);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
64) }
```

# Background

The CSS property to change the background color of an element to YUV 113.4780, -24.3927, 124.1148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 64) }
```

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

```
.background{ background-color: rgb(255, 51,  
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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