

# Converting Colors

YUV(113.6140, -27.4177,  
114.3485)

Have a look what the booklet for  
YUV(113.6140, -27.4177, 114.3485)  
contains.

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# Color

**YUV(113.6140, -27.4177,  
114.3485)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F43A3A
RGB	244, 58, 58
RGB Percent	96%, 23%, 23%
CMY	0.0431, 0.7725, 0.7725
CMYK	0.00, 0.76, 0.76, 0.04
HSL	0°, 89%, 59%
HSV	0°, 76%, 96%
XYZ	39.5850, 22.5647, 6.2720
YIQ	113.6140, 110.8560, 39.4320

# Conversions

## Conversions Part 2

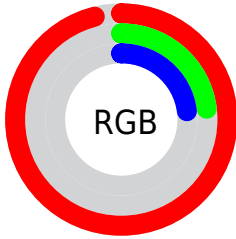
Format	Color
<a href="#">RYB</a>	<a href="#">244, 58, 58</a>
Decimal	<a href="#">16005690</a>
CIELab	<a href="#">54.62, 68.99, 44.52</a>
CIELCh	<a href="#">55, 82.110, 32.833</a>
Yxy	<a href="#">22.5647, 0.5785, 0.3298</a>
Android (android.graphics.Color)	<a href="#">4294195770 (0xFFFF43A3A)</a>
YUV	<a href="#">113.6140, -27.4177, 114.3485</a>
Hunter-Lab	<a href="#">47.5023, 65.6200, 25.4232</a>

# Details

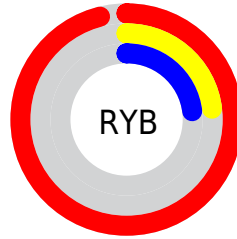
The YUV color **113.6140, -27.4177, 114.3485** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **188.3860, 27.4177, -114.3485**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.7690, -26.0151, 84.3946**, and **55.1170, -20.2707, 108.6454** is the 20% darker color. If you saturate the color by 10%, you get **96.7900, -30.9555, 129.1032**, and if you desaturate by 10%, it is **130.4380, -23.8799, 99.5939**.

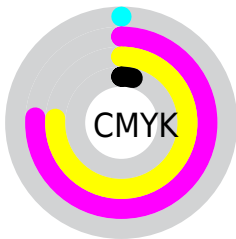
# Distribution



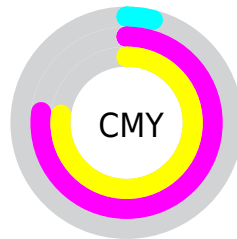
- Red (96%)
- Green (23%)
- Blue (23%)



- Red (96%)
- Yellow (23%)
- Blue (23%)



- Cyan (0%)
- Magenta (76%)
- Yellow (76%)
- Black (4%)




- Cyan (4%)
- Magenta (77%)
- Yellow (77%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 113.6140, -27.4177, 114.3485 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 113.6140, -27.4177, 114.3485 by changing the saturation by 10% instead.





 113.6140,  
-27.4177, 114.3485

 113.6140,  
-27.4177, 114.3485


255.0000, 0.0000,  
0.0000

 73.5360, -18.9982,  
120.5559


 158.7690,  
-26.0151, 84.3946


 55.1170, -20.2707,  
108.6454


 178.7560,  
-23.0507, 66.8660


 43.9530, -21.6688,  
90.3722


 198.7430,  
-20.0863, 49.3374

 34.3850, -16.9518,  
70.6994

 219.4310,  
-16.9745, 31.1940

 25.3440, -11.5086,  
51.4413

 240.2330,  
-13.4259, 12.9507

 16.3740, -7.0864,  
32.9980

 253.4040, -6.1152,

 2.0930, -1.0318,

1.3997

4.3034

■ 0.0000, 0.0000,  
0.0000

■ 113.6140,  
-27.4177, 114.3485

■ 113.6140,  
-27.4177, 114.3485

■ 96.7900, -30.9555,  
129.1032

■ 130.4380,  
-23.8799, 99.5939

■ 79.2650, -34.6406,  
144.4726

■ 147.9630,  
-20.1948, 84.2244


■ 72.9560, -35.9673,  
150.0056

■ 164.7870,  
-16.6570, 69.4698


■ 182.3120,  
-12.9718, 54.1004

■ 199.1360, -9.4340,  
39.3457

 215.9600, -5.8963,  
24.5911

 233.4850, -2.2111,  
9.2217

 250.3090, 1.3267,  
-5.5330

 251.7110, 1.6215,  
-6.7625

# Harmonies

## Analogous

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



101.8540, 12.3970, 130.8010



113.6140, -27.4177, 114.3485



121.4790, -59.8891, 75.8789

# Triad

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



113.6140, -27.4177, 114.3485



98.9990, -19.2265, -86.8221



110.0760, 71.4475, -96.5367

# Complementary

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



113.6140, -27.4177, 114.3485



188.3860, 27.4177, -114.3485

# 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.



119.4680, 66.8173, -104.7734



113.6140, -27.4177, 114.3485



109.4240, 13.1020, -95.9648

# Square

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



113.6140, -27.4177, 114.3485



110.1980, -54.3276, -28.2376



117.5180, 44.1146, -103.0633



131.2930, 59.5086, -0.2570



# Rectangle

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



113.6140, -27.4177, 114.3485



123.3410, -60.8071, 43.5509



117.5180, 44.1146, -103.0633



114.1850, 69.4218, -100.1402

# Sweetspot

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



113.6140, -27.4177, 114.3485



213.6410, -8.6970, 36.2718



134.8180, 53.8267, 95.7526



102.7640, -5.3067, 22.1320



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.



113.6140, -27.4177, 114.3485



92.3680, -34.1984, 142.6283



168.2050, -54.3311, 66.4722



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.



188.3860, 27.4177, -114.3485



185.6320, 34.1984, -142.6283



133.7950, 54.3311, -66.4722



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 113.6140, -27.4177, 114.3485 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 113.6140, -27.4177, 114.3485 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 113.6140, -27.4177, 114.3485 Background



This preview shows how black text looks on a background with the YUV color 113.6140, -27.4177, 114.3485.



This preview shows how white text looks on a background with the YUV color 113.6140, -27.4177, 114.3485.



# 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

113.6140, -27.4177, 114.3485

### Protanopia

128.8880, -23.6088, 12.3762

### Deuteranopia

127.5410, -40.6927, 31.9745



## Tritanopia

113.7280, -26.9809, 114.2485

# Trichromacy



## Original Color

113.6140, -27.4177, 114.3485

## Protanomaly

123.1900, -24.7437, 49.8224

## Deuteranomaly

122.6940, -35.8381, 61.6584

## Tritanomaly

113.7280, -26.9809, 114.2485

# Monochromacy



## Original Color

113.6140, -27.4177, 114.3485

## Achromatopsia

114.0000, 0.0000, 0.0000

## Achromatomaly

114.0330, -9.8763, 41.1901

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 113.6140, -27.4177, 114.3485 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(244, 58, 58)` looks like.

```
.text, #text, p{  
    color:rgb(244, 58, 58)  
}
```

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(244, 58, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 58, 58) }
```

## Border

The CSS property to change the border of an element to YUV 113.6140, -27.4177, 114.3485 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(244, 58, 58) }
```



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

```
.border{ border-color:rgb(244, 58, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 58, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 58, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 58, 58);  
box-shadow:4px 4px 4px 4px rgb(244, 58,  
58) }
```

# Background

The CSS property to change the background color of an element to YUV 113.6140, -27.4177, 114.3485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 58, 58) }
```

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

```
.background{ background-color: rgb(244, 58,  
58) }
```

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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