

# Converting Colors

YUV(107.9380, -35.4654,  
128.9734)

Have a look what the booklet for  
YUV(107.9380, -35.4654, 128.9734)  
contains.

<b>YUV(107.9380, -35.4654, 128.9734)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(107.9380, -35.4654,  
128.9734)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF2F24
RGB	255, 47, 36
RGB Percent	100%, 18%, 14%
CMY	0.0000, 0.8157, 0.8588
CMYK	0.00, 0.82, 0.86, 0.00
HSL	3°, 100%, 57%
HSV	3°, 86%, 100%
XYZ	42.5750, 23.4204, 3.9457
YIQ	107.9380, 127.4990, 40.6750

# Conversions

## Conversions Part 2

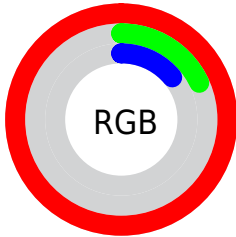
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">255, 48, 36</a>
Decimal	<a href="#">16723748</a>
CIELab	<a href="#">55.50, 74.37, 57.10</a>
CIELCh	<a href="#">56, 93.757, 37.516</a>
Yxy	<a href="#">23.4204, 0.6087, 0.3349</a>
Android (android.graphics.Color)	<a href="#">4294913828 (0xFFFF2F24)</a>
YUV	<a href="#">107.9380, -35.4654, 128.9734</a>
Hunter-Lab	<a href="#">48.3946, 72.3439, 29.0422</a>

# Details

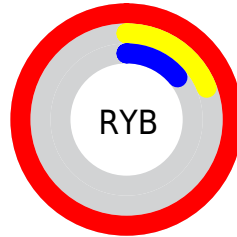
The YUV color **107.9380, -35.4654, 128.9734** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **183.0620, 35.4654, -128.9734**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.8530, -33.4515, 89.5829**, and **56.2120, -27.7125, 115.5781** is the 20% darker color. If you saturate the color by 10%, you get **90.8860, -39.8768, 143.9280**, and if you desaturate by 10%, it is **124.8760, -31.4909, 114.1187**.

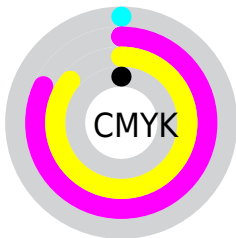
# Distribution



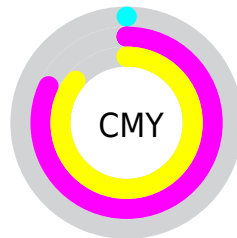
- Red (100%)
- Green (18%)
- Blue (14%)



- Red (100%)
- Yellow (19%)
- Blue (14%)



- Cyan (0%)
- Magenta (82%)
- Yellow (86%)
- Black (0%)



- Cyan (0%)
- Magenta (82%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 107.9380, -35.4654, 128.9734 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 107.9380, -35.4654, 128.9734 by changing the saturation by 10% instead.





 107.9380,  
-35.4654, 128.9734


 107.9380,  
-35.4654, 128.9734


255.0000, 0.0000,  
0.0000

 67.5180, -28.3564,  
135.4807


 152.8530,  
-33.4515, 89.5829


 56.2120, -27.7125,  
115.5781


 173.3130,  
-31.2133, 71.6395


 46.3450, -22.8481,  
95.2904


 193.8870,  
-28.5383, 53.5961

 36.7770, -18.1311,  
75.6176

 213.9880,  
-25.1371, 35.9675

 27.4370, -12.5404,  
55.7448

 234.6760,  
-22.0253, 17.8241

 18.5810, -7.6814,  
37.2015

 250.7820,

 7.2900, -3.1010,


-16.1615, 3.6992


14.6547


 254.0880, -3.4944,  
0.7998


 0.0000, 0.0000,  
0.0000

 107.9380,  
-35.4654, 128.9734

 107.9380,  
-35.4654, 128.9734


 90.8860, -39.8768,  
143.9280


 124.8760,  
-31.4909, 114.1187

 83.8760, -41.3509,  
150.0757

 141.9280,  
-27.0795, 99.1641

 159.4530,  
-23.3943, 83.7947

 176.5050,  
-18.9830, 68.8401

 193.4430,  
-15.0084, 53.9855

■ 210.4950,  
-10.5970, 39.0309

■ 228.0200, -6.9119,  
23.6615

■ 245.0720, -2.5005,  
8.7069

■ 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.



89.5830, 13.5166, 145.0707



107.9380, -35.4654, 128.9734



123.5390, -60.9047, 74.9493

# Triad

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



107.9380, -35.4654, 128.9734



102.5040, -18.4895, -89.8960



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.



107.9380, -35.4654, 128.9734



183.0620, 35.4654, -128.9734

# 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.



121.8160, 65.6597, -106.8326



107.9380, -35.4654, 128.9734



114.7700, 18.3544, -100.6533

# Square

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



107.9380, -35.4654, 128.9734



102.6570, -50.6099, -54.0732



123.1890, 53.1508, -108.0368



132.9300, 60.1805, 17.6014



# Rectangle

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



107.9380, -35.4654, 128.9734



125.3680, -61.8064, 37.3883



123.1890, 53.1508, -108.0368



115.3590, 68.8430, -101.1698

# Sweetspot

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



107.9380, -35.4654, 128.9734



210.4950, -10.5970, 39.0309



125.1930, 58.5719, 113.8407



101.1340, -6.4751, 23.5615



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.



107.9380, -35.4654, 128.9734



83.8760, -41.3509, 150.0757



171.9210, -67.0091, 72.8603



118.8870, -1.9163, 7.9921



62.9790, -31.0486, 112.2744



20.8970, -10.3022, 37.8013



# Inverse Universe

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



183.0620, 35.4654, -128.9734



171.1240, 41.3509, -150.0757



119.0790, 67.0091, -72.8603



123.5260, 2.2057, -7.4773



128.6080, 30.7593, -112.7892



43.1030, 10.3022, -37.8013



# Previews

## White Background



This preview shows how the YUV color 107.9380, -35.4654, 128.9734 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

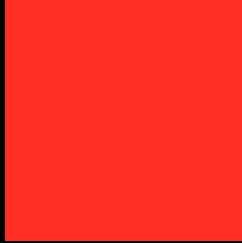
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 107.9380, -35.4654, 128.9734 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 107.9380, -35.4654, 128.9734 Background



This preview shows how black text looks on a background with the YUV color 107.9380, -35.4654, 128.9734.



This preview shows how white text looks on a background with the YUV color 107.9380, -35.4654, 128.9734.



# 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

107.9380, -35.4654, 128.9734

### Protanopia

128.8210, -35.4078, 16.8200

### Deuteranopia

124.1940, -61.2276, 38.4179



## Tritanopia

108.3770, -31.2449, 128.5884

# Trichromacy



## Original Color

107.9380, -35.4654, 128.9734

## Protanomaly

121.3730, -35.6799, 57.5549

## Deuteranomaly

118.2210, -51.8740, 71.7202

## Tritanomaly

108.0350, -32.5553, 128.8883

# Monochromacy



## Original Color

107.9380, -35.4654, 128.9734

## Achromatopsia

108.0000, 0.0000, 0.0000

## Achromatomaly

107.9690, -12.8027, 46.5082

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 107.9380, -35.4654, 128.9734 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, 47, 36)` looks like.

```
.text, #text, p{  
    color:rgb(255, 47, 36)  
}
```

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, 47, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 47, 36) }
```

## Border

The CSS property to change the border of an element to YUV 107.9380, -35.4654, 128.9734 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, 47, 36) }
```



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

```
.border{ border-color:rgb(255, 47, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 47, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 47, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 47, 36);  
box-shadow:4px 4px 4px 4px rgb(255, 47,  
36) }
```

# Background

The CSS property to change the background color of an element to YUV 107.9380, -35.4654, 128.9734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 47, 36) }
```

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

```
.background{ background-color: rgb(255, 47,  
36) }
```

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](#).

Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor