

# Converting Colors

YUV(107.9460, -27.5814,  
120.1964)

Have a look what the booklet for  
YUV(107.9460, -27.5814, 120.1964)  
contains.

<b>YUV(107.9460, -27.5814, 120.1964)</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(107.9460, -27.5814,  
120.1964)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F53134
RGB	245, 49, 52
RGB Percent	96%, 19%, 20%
CMY	0.0392, 0.8078, 0.7961
CMYK	0.00, 0.80, 0.79, 0.04
HSL	359°, 91%, 58%
HSV	359°, 80%, 96%
XYZ	39.3743, 21.8570, 5.3924
YIQ	107.9460, 115.8530, 42.4850

# Conversions

## Conversions Part 2

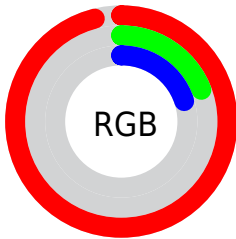
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 49, 52
Decimal	16068916
CIE Lab	53.87, 71.55, 47.03
CIE LCh	54, 85.617, 33.318
Yxy	21.8570, 0.5910, 0.3281
Android (android.graphics.Color)	4294258996 (0xFFFF53134)
YUV	107.9460, -27.5814, 120.1964
Hunter-Lab	46.7515, 68.5184, 25.8875

# Details

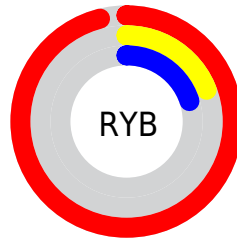
The YUV color **107.9460, -27.5814, 120.1964** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **186.0540, 27.5814, -120.1964**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.5630, -26.8996, 88.0832**, and **54.3190, -23.3283, 109.3452** is the 20% darker color. If you saturate the color by 10%, you get **90.5350, -30.8298, 135.4658**, and if you desaturate by 10%, it is **125.3570, -24.3330, 104.9269**.

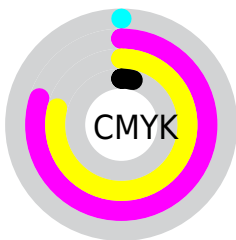
# Distribution



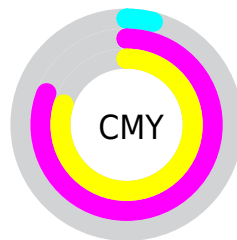
- Red (96%)
- Green (19%)
- Blue (20%)



- Red (96%)
- Yellow (19%)
- Blue (20%)



- Cyan (0%)
- Magenta (80%)
- Yellow (79%)
- Black (4%)



- Cyan (4%)
- Magenta (81%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 107.9460, -27.5814, 120.1964 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 107.9460, -27.5814, 120.1964 by changing the saturation by 10% instead.




 107.9460,  
-27.5814, 120.1964


 107.9460,  
-27.5814, 120.1964


255.0000, 0.0000,  
0.0000


 66.8080, -18.1463,  
127.3334


 154.5630,  
-26.8996, 88.0832


 54.3190, -23.3283,  
109.3452


 174.4360,  
-24.3719, 70.6546


 43.9530, -21.6688,  
90.3722


 195.0100,  
-21.6969, 52.6112

 34.3850, -16.9518,  
70.6994

 215.1110,  
-18.2957, 34.9827

 25.4580, -11.0718,  
51.3413

 235.9130,  
-14.7471, 16.7393

 16.3740, -7.0864,  
32.9980

 252.6060, -9.1728,

 1.4950, -0.7370,

2.0995

3.0739

■ 0.0000, 0.0000,  
0.0000

■ 107.9460,  
-27.5814, 120.1964

■ 107.9460,  
-27.5814, 120.1964

■ 90.5350, -30.8298,  
135.4658

■ 125.3570,  
-24.3330, 104.9269


■ 73.7110, -34.3675,  
150.2205


■ 142.1810,  
-20.7952, 90.1723


■ 159.5920,  
-17.5469, 74.9028


■ 176.4160,  
-14.0091, 60.1482

■ 193.3540,  
-10.0345, 45.2935

 210.7650, -6.7861,  
30.0241

 228.1760, -3.5378,  
14.7546

 245.0000, 0.0000,  
0.0000

 252.0100, 1.4741,  
-6.1478

# Harmonies

## Analogous

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



89.7830, 16.8690, 143.1413



107.9460, -27.5814, 120.1964



119.4190, -58.8736, 76.8085

# Triad

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



107.9460, -27.5814, 120.1964



97.3690, -20.3949, -85.3926



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.



107.9460, -27.5814, 120.1964



186.0540, 27.5814, -120.1964

# 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.



118.8810, 67.1067, -104.2586



107.9460, -27.5814, 120.1964



108.7230, 12.9546, -95.3501

# Square

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



107.9460, -27.5814, 120.1964



107.2190, -52.8590, -32.6411



117.1590, 45.2776, -102.7484



128.8740, 61.6871, 0.9875



# Rectangle

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



107.9460, -27.5814, 120.1964



121.2700, -59.7861, 42.7362



117.1590, 45.2776, -102.7484



113.5980, 69.7112, -99.6254

# Sweetspot

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



107.9460, -27.5814, 120.1964



212.3530, -8.5550, 37.4014



129.0510, 57.1629, 99.0563



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.



107.9460, -27.5814, 120.1964



83.7110, -34.3675, 150.2205



163.3690, -56.3839, 71.5904



113.5880, -1.7689, 7.3773



55.9560, -26.1073, 114.0486



17.7550, -8.2602, 36.1719



# Inverse Universe

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



107.9460, -27.5814, 120.1964



83.7110, -34.3675, 150.2205



130.6310, 56.3839, -71.5904



113.5880, -1.7689, 7.3773



55.9560, -26.1073, 114.0486



17.7550, -8.2602, 36.1719



# Previews

## White Background



This preview shows how the YUV color 107.9460, -27.5814, 120.1964 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 107.9460, -27.5814, 120.1964 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 107.9460, -27.5814, 120.1964 Background



This preview shows how black text looks on a background with the YUV color 107.9460, -27.5814, 120.1964.



This preview shows how white text looks on a background with the YUV color 107.9460, -27.5814, 120.1964.



# 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

107.9460, -27.5814, 120.1964

### Protanopia

126.7310, -25.5034, 13.3909

### Deuteranopia

124.7430, -43.7503, 32.6744



## Tritanopia

107.6040, -28.8918, 120.4963

# Trichromacy



## Original Color

107.9460, -27.5814, 120.1964

## Protanomaly

119.8590, -26.0595, 51.8667

## Deuteranomaly

118.5480, -37.7382, 64.4174

## Tritanomaly

107.7180, -28.4550, 120.3963

# Monochromacy



## Original Color

107.9460, -27.5814, 120.1964

## Achromatopsia

108.0000, 0.0000, 0.0000

## Achromatomaly

108.3430, -10.0291, 43.5492

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 107.9460, -27.5814, 120.1964 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(245, 49, 52)` looks like.

```
.text, #text, p{  
    color:rgb(245, 49, 52)  
}
```

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(245, 49, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 49, 52) }
```

## Border

The CSS property to change the border of an element to YUV 107.9460, -27.5814, 120.1964 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(245, 49, 52) }
```



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

```
.border{ border-color:rgb(245, 49, 52) }
```

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

Here you see how a box with a 4 pixel rgb(245, 49, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 49, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 49, 52);  
box-shadow:4px 4px 4px 4px rgb(245, 49,  
52) }
```

# Background

The CSS property to change the background color of an element to YUV 107.9460, -27.5814, 120.1964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 49, 52) }
```

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

```
.background{ background-color: rgb(245, 49,  
52) }
```

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