

# Converting Colors

YUV(109.0150, -38.9544,  
128.0288)

Have a look what the booklet for  
YUV(109.0150, -38.9544, 128.0288)  
contains.

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# Color

**YUV(109.0150, -38.9544,  
128.0288)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF321E
RGB	255, 50, 30
RGB Percent	100%, 20%, 12%
CMY	0.0000, 0.8039, 0.8824
CMYK	0.00, 0.80, 0.88, 0.00
HSL	5°, 100%, 56%
HSV	5°, 88%, 100%
XYZ	42.6149, 23.6349, 3.5442
YIQ	109.0150, 128.6000, 37.2400

# Conversions

## Conversions Part 2

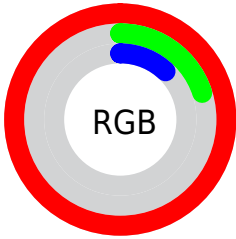
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 52, 30
Decimal	16724510
CIE <sub>Lab</sub>	55.72, 73.55, 59.80
CIE <sub>LCh</sub>	56, 94.790, 39.113
Yxy	23.6349, 0.6106, 0.3386
Android (android.graphics.Color)	4294914590 (0xFFFF321E)
YUV	109.0150, -38.9544, 128.0288
Hunter-Lab	48.6158, 71.3894, 29.7086

# Details

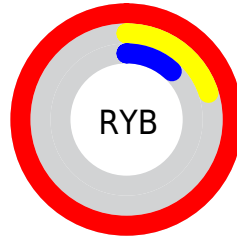
The YUV color **109.0150, -38.9544, 128.0288** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **175.9850, 38.9544, -128.0288**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.4570, -36.2143, 89.0532**, and **56.2120, -27.7125, 115.5781** is the 20% darker color. If you saturate the color by 10%, you get **92.6640, -43.2184, 142.3687**, and if you desaturate by 10%, it is **125.4800, -34.2536, 113.5890**.

# Distribution



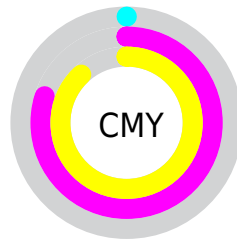
- Red (100%)
- Green (20%)
- Blue (12%)



- Red (100%)
- Yellow (20%)
- Blue (12%)



- Cyan (0%)
- Magenta (80%)
- Yellow (88%)
- Black (0%)



- Cyan (0%)
- Magenta (80%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 109.0150, -38.9544, 128.0288 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 109.0150, -38.9544, 128.0288 by changing the saturation by 10% instead.




 109.0150,  
-38.9544, 128.0288

 109.0150,  
-38.9544, 128.0288


255.0000, 0.0000,  
0.0000

 66.1930, -32.1401,  
135.7657


 153.4570,  
-36.2143, 89.0532


 56.2120, -27.7125,  
115.5781


 173.3300,  
-33.6867, 71.6246


 46.3450, -22.8481,  
95.2904


 193.9040,  
-31.0117, 53.5812

 36.7770, -18.1311,  
75.6176

 214.5920,  
-27.8999, 35.4378

 27.4370, -12.5404,  
55.7448

 235.2800,  
-24.7880, 17.2944


 18.5810, -7.6814,  
37.2015

 250.2120,

 7.5890, -3.2484,

-18.3455, 4.1991


15.2694


 253.5180, -5.6784,  
1.2997


 0.0000, 0.0000,  
0.0000


 109.0150,  
-38.9544, 128.0288


 109.0150,  
-38.9544, 128.0288

 92.6640, -43.2184,  
142.3687


 125.4800,  
-34.2536, 113.5890

 89.7460, -44.2448,  
144.9278

 141.8310,  
-29.9897, 99.2492

 158.7690,  
-26.0151, 84.3946

 175.2340,  
-21.3144, 69.9548

 191.6990,  
-16.6136, 55.5150

208.0500,  
-12.3496, 41.1752

225.1020, -7.9383,  
26.2205

241.4530, -3.6743,  
11.8807

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.



89.1270, 11.7694, 145.4706



109.0150, -38.9544, 128.0288



125.0010, -61.6255, 72.7901

# Triad

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



109.0150, -38.9544, 128.0288



103.6610, -16.5949, -90.9107



109.4890, 71.7369, -96.0219

# Complementary

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



109.0150, -38.9544, 128.0288



175.9850, 38.9544, -128.0288

# 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



109.0150, -38.9544, 128.0288



116.0410, 20.6858, -101.7680

# Square

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



109.0150, -38.9544, 128.0288



98.7590, -48.6882, -63.8096



124.4600, 55.4822, -109.1514



133.2620, 60.0168, 23.4492



# Rectangle

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



109.0150, -38.9544, 128.0288



125.6450, -61.9430, 34.5143



124.4600, 55.4822, -109.1514



114.7720, 69.1324, -100.6550

# Sweetspot

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



109.0150, -38.9544, 128.0288



212.2560, -11.4652, 37.4865



120.7590, 56.8138, 117.7294



101.7210, -6.7645, 23.0467



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.



109.0150, -38.9544, 128.0288



89.7460, -44.2448, 144.9278



174.1720, -71.0768, 70.8862



119.4740, -2.2057, 7.4773



67.0880, -33.0744, 108.6708



22.6580, -11.1704, 36.2569



# Inverse Universe

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



175.9850, 38.9544, -128.0288



165.2540, 44.2448, -144.9278



110.8280, 71.0768, -70.8862



122.9390, 2.4951, -6.9625



123.9120, 33.0744, -108.6708



41.3420, 11.1704, -36.2569



# Previews

## White Background



This preview shows how the YUV color 109.0150, -38.9544, 128.0288 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 109.0150, -38.9544, 128.0288 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 109.0150, -38.9544, 128.0288 Background



This preview shows how black text looks on a background with the YUV color 109.0150, -38.9544, 128.0288.



This preview shows how white text looks on a background with the YUV color 109.0150, -38.9544, 128.0288.



# 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

109.0150, -38.9544, 128.0288

### Protanopia

128.7950, -39.3389, 17.7198

### Deuteranopia

125.0800, -61.6644, 38.5178



## Tritanopia

110.4800, -30.8026, 126.7440

# Trichromacy



## Original Color

109.0150, -38.9544, 128.0288

## Protanomaly

121.4610, -39.1743, 58.3547

## Deuteranomaly

119.1670, -53.3263, 70.8905

## Tritanomaly

109.6820, -33.8602, 127.4439

# Monochromacy



## Original Color

109.0150, -38.9544, 128.0288

## Achromatopsia

109.0000, 0.0000, 0.0000

## Achromatomaly

109.2140, -14.4025, 46.2933

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 109.0150, -38.9544, 128.0288 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, 50, 30)` looks like.

```
.text, #text, p{  
    color:rgb(255, 50, 30)  
}
```

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, 50, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 50, 30) }
```

## Border

The CSS property to change the border of an element to YUV 109.0150, -38.9544, 128.0288 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, 50, 30) }
```



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

```
.border{ border-color:rgb(255, 50, 30) }
```

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

Here you see how a box with a 4 pixel rgb(255, 50, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 50, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 50, 30);  
box-shadow:4px 4px 4px 4px rgb(255, 50,  
30) }
```

# Background

The CSS property to change the background color of an element to YUV 109.0150, -38.9544, 128.0288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 50, 30) }
```

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

```
.background{ background-color: rgb(255, 50,  
30) }
```

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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