

# Converting Colors

YUV(106.3250, -39.1072,  
130.3880)

Have a look what the booklet for  
YUV(106.3250, -39.1072, 130.3880)  
contains.

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# Color

**YUV(106.3250, -39.1072,  
130.3880)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF2E1B
RGB	255, 46, 27
RGB Percent	100%, 18%, 11%
CMY	0.0000, 0.8196, 0.8941
CMYK	0.00, 0.82, 0.89, 0.00
HSL	5°, 100%, 55%
HSV	5°, 89%, 100%
XYZ	42.4148, 23.2931, 3.2974
YIQ	106.3250, 130.6630, 38.3990

# Conversions

## Conversions Part 2

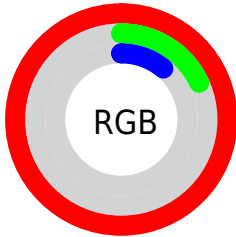
<b>Format</b>	<b>Color</b>
<b>RYB</b>	255, 48, 27
Decimal	16723483
CIELab	55.37, 74.45, 60.72
CIELCh	55, 96.066, 39.200
Yxy	23.2931, 0.6147, 0.3376
Android (android.graphics.Color)	4294913563 (0xFFFF2E1B)
YUV	106.3250, -39.1072, 130.3880
Hunter-Lab	48.2629, 72.4106, 29.7333

# Details

The YUV color **106.3250, -39.1072, 130.3880** 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 **175.6750, 39.1072, -130.3880**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.3540, -36.6565, 90.8975**, and **56.2120, -27.7125, 115.5781** is the 20% darker color. If you saturate the color by 10%, you get **89.8600, -43.8080, 144.8278**, and if you desaturate by 10%, it is **122.6760, -34.8433, 116.0481**.

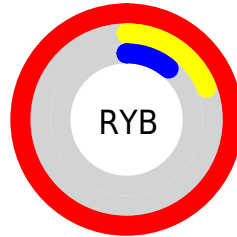
# Distribution



Red (100%)

Green (18%)

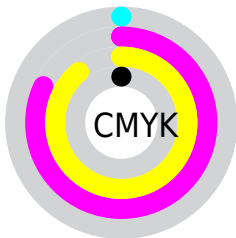
Blue (11%)



Red (100%)

Yellow (19%)

Blue (11%)

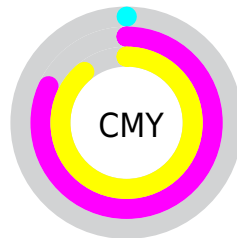


Cyan (0%)

Magenta (82%)

Yellow (89%)

Black (0%)



Cyan (0%)

Magenta (82%)

Yellow (89%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 106.3250, -39.1072, 130.3880 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 106.3250, -39.1072, 130.3880 by changing the saturation by 10% instead.





 106.3250,  
-39.1072, 130.3880


 106.3250,  
-39.1072, 130.3880


255.0000, 0.0000,  
0.0000


 66.0790, -32.5769,  
135.8657


 151.3540,  
-36.6565, 90.8975


 56.2120, -27.7125,  
115.5781


 171.8140,  
-34.4183, 72.9541


 46.3450, -22.8481,  
95.2904


 192.3880,  
-31.7433, 54.9107

 36.7770, -18.1311,  
75.6176

 213.0760,  
-28.6315, 36.7673

 27.4370, -12.5404,  
55.7448

 233.7640,  
-25.5197, 18.6240


 18.5810, -7.6814,  
37.2015

 249.9840,


 7.2900, -3.1010,


-19.2191, 4.3990


14.6547


 253.1760, -6.9888,  
1.5996


 0.0000, 0.0000,  
0.0000


 106.3250,  
-39.1072, 130.3880

 106.3250,  
-39.1072, 130.3880


 89.8600, -43.8080,  
144.8278


 122.6760,  
-34.8433, 116.0481

 88.5720, -43.6660,  
145.9574

 139.7280,  
-30.4319, 101.0935

 156.0790,  
-26.1679, 86.7537

 172.5440,  
-21.4672, 72.3139

 189.4820,  
-17.4926, 57.4593

205.9470,  
-12.7919, 43.0195

222.8850, -8.8173,  
28.1649

239.3500, -4.1165,  
13.7251

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.



88.8990, 10.8958, 145.6706



106.3250, -39.1072, 130.3880



124.1150, -61.1887, 72.6901

# Triad

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



106.3250, -39.1072, 130.3880



103.4330, -17.4685, -90.7107



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.



106.3250, -39.1072, 130.3880



175.6750, 39.1072, -130.3880

# 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



106.3250, -39.1072, 130.3880



115.3400, 20.5384, -101.1532

# Square

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



106.3250, -39.1072, 130.3880



95.7690, -47.2141, -69.9574



123.8730, 55.7716, -108.6366



132.0880, 60.5956, 24.4788



# Rectangle

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



106.3250, -39.1072, 130.3880



124.7590, -61.5062, 34.4144



123.8730, 55.7716, -108.6366



114.1850, 69.4218, -100.1402

# Sweetspot

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



106.3250, -39.1072, 130.3880



210.1530, -11.9074, 39.3308



118.9980, 57.6820, 119.2738



101.0200, -6.9119, 23.6615



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.



106.3250, -39.1072, 130.3880



88.5720, -43.6660, 145.9574



173.2430, -72.0978, 71.7009



119.4740, -2.2057, 7.4773



66.5010, -32.7850, 109.1856



22.0710, -10.8810, 36.7717

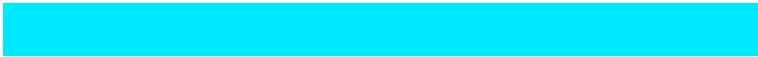


# Inverse Universe

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



175.6750, 39.1072, -130.3880



166.4280, 43.6660, -145.9574



108.7570, 72.0978, -71.7009



122.9390, 2.4951, -6.9625



124.4990, 32.7850, -109.1856



41.3420, 11.1704, -36.2569



# Previews

## White Background



This preview shows how the YUV color 106.3250, -39.1072, 130.3880 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

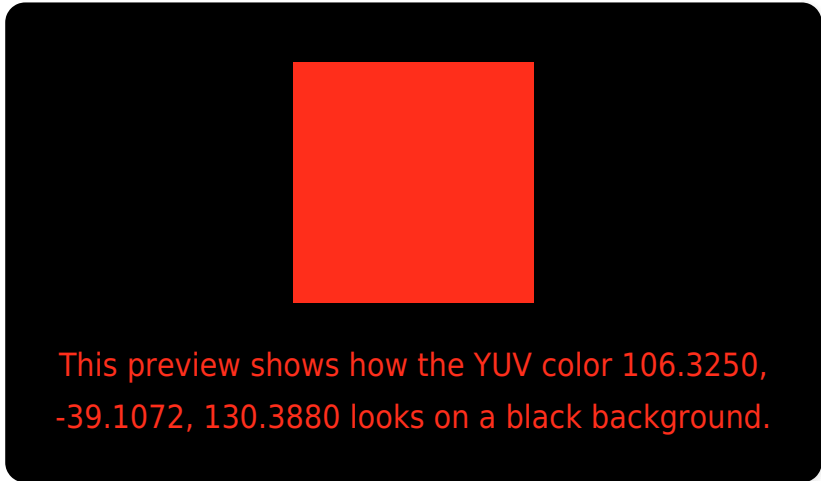
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



## 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 106.3250, -39.1072, 130.3880 Background



This preview shows how black text looks on a background with the YUV color 106.3250, -39.1072, 130.3880.



This preview shows how white text looks on a background with the YUV color 106.3250, -39.1072, 130.3880.



# 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

106.3250, -39.1072, 130.3880

### Protanopia

127.9800, -39.9231, 18.4345

### Deuteranopia

124.1940, -61.2276, 38.4179



## Tritanopia

107.5620, -31.8291, 129.3031

# Trichromacy



## Original Color

106.3250, -39.1072, 130.3880

## Protanomaly

120.0590, -39.4691, 59.5843

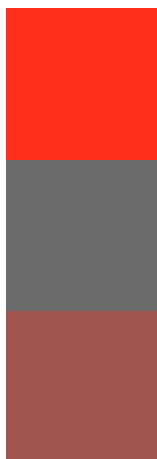
## Deuteranomaly

117.8790, -53.1843, 72.0201

## Tritanomaly

106.8780, -34.4499, 129.9030

# Monochromacy



## Original Color

106.3250, -39.1072, 130.3880

## Achromatopsia

106.0000, 0.0000, 0.0000

## Achromatomaly

105.9260, -14.2605, 47.4229

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 106.3250, -39.1072, 130.3880 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, 46, 27)` looks like.

```
.text, #text, p{  
    color:rgb(255, 46, 27)  
}
```

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, 46, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 46, 27) }
```

## Border

The CSS property to change the border of an element to YUV 106.3250, -39.1072, 130.3880 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, 46, 27) }
```



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

```
.border{ border-color:rgb(255, 46, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 46, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 46, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 46, 27);  
box-shadow:4px 4px 4px 4px rgb(255, 46,  
27) }
```

# Background

The CSS property to change the background color of an element to YUV 106.3250, -39.1072, 130.3880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 46, 27) }
```

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

```
.background{ background-color: rgb(255, 46,  
27) }
```

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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