

# Converting Colors

YUV(98.6240, -39.2546,  
131.0028)

Have a look what the booklet for  
YUV(98.6240, -39.2546, 131.0028)  
contains.

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# Color

**YUV(98.6240, -39.2546,  
131.0028)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F82613
RGB	248, 38, 19
RGB Percent	97%, 15%, 7%
CMY	0.0275, 0.8510, 0.9255
CMYK	0.00, 0.85, 0.92, 0.03
HSL	5°, 94%, 52%
HSV	5°, 92%, 97%
XYZ	39.5221, 21.3897, 2.6617
YIQ	98.6240, 131.2590, 38.6110

# Conversions

## Conversions Part 2

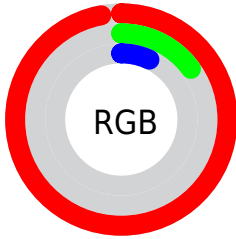
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	248, 40, 19
Decimal	16262675
CIE <sub>Lab</sub>	53.37, 74.17, 61.56
CIE <sub>LCh</sub>	53, 96.394, 39.693
Yxy	21.3897, 0.6217, 0.3365
Android (android.graphics.Color)	4294452755 (0xFFFF82613)
YUV	98.6240, -39.2546, 131.0028
Hunter-Lab	46.2490, 71.6013, 28.9621

# Details

The YUV color **98.6240, -39.2546, 131.0028** 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 **168.3760, 39.2546, -131.0028**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.0340, -37.9778, 94.6862**, and **54.1190, -26.6807, 111.2746** is the 20% darker color. If you saturate the color by 10%, you get **86.4790, -42.6341, 141.6539**, and if you desaturate by 10%, it is **114.9750, -34.9907, 116.6629**.

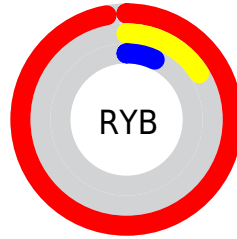
# Distribution



Red (97%)

Green (15%)

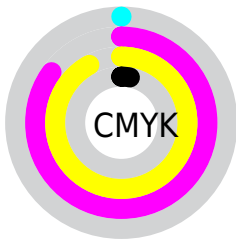
Blue (7%)



Red (97%)

Yellow (16%)

Blue (7%)

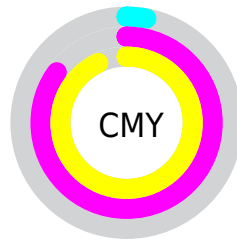


Cyan (0%)

Magenta (85%)

Yellow (92%)

Black (3%)



Cyan (3%)

Magenta (85%)


Yellow (93%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 98.6240, -39.2546, 131.0028 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 98.6240, -39.2546, 131.0028 by changing the saturation by 10% instead.




 98.6240, -39.2546,  
131.0028

 98.6240, -39.2546,  
131.0028


255.0000, 0.0000,  
0.0000


 63.9860, -31.5451,  
131.5623


 147.0340,  
-37.9778, 94.6862

 54.1190, -26.6807,  
111.2746


 167.6080,  
-35.3027, 76.6428

 44.2520, -21.8162,  
90.9870


 188.0680,  
-33.0645, 58.6994

 34.6840, -17.0992,  
71.3141

 208.7560,  
-29.9527, 40.5560

 25.7570, -11.2192,  
51.9561

 229.4440,  
-26.8409, 22.4126


 16.3740, -7.0864,  
32.9980

 249.0720,


 2.0930, -1.0318,


-22.7135, 5.1989


4.3034


 252.3780,  
-10.0464, 2.2995


 0.0000, 0.0000,  
0.0000

 98.6240, -39.2546,  
131.0028


 98.6240, -39.2546,  
131.0028


 86.4790, -42.6341,  
141.6539

 114.9750,  
-34.9907, 116.6629

 130.7390,  
-30.4373, 102.8379

 146.9760,  
-26.6102, 88.5980

 163.3270,  
-22.3462, 74.2582

 179.6780,  
-18.0823, 59.9184

■ 195.4420,  
-13.5289, 46.0934

■ 211.7930, -9.2649,  
31.7535

■ 228.0300, -5.4378,  
17.5137

■ 244.3810, -1.1738,  
3.1739

# Harmonies

## Analogous

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



88.2150, 8.2750, 146.2704



98.6240, -39.2546, 131.0028



119.0870, -58.7099, 70.9607

# Triad

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



98.6240, -39.2546, 131.0028



99.5690, -17.0425, -87.3220



105.9670, 73.4733, -92.9331

# Complementary

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



98.6240, -39.2546, 131.0028



168.3760, 39.2546, -131.0028

# 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.



118.2940, 67.3961, -103.7438



98.6240, -39.2546, 131.0028



111.3620, 20.5275, -97.6645

# Square

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



98.6240, -39.2546, 131.0028



88.0500, -43.4087, -77.2198



120.4820, 55.4714, -105.6627



127.3700, 62.9216, 25.1085



# Rectangle

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



98.6240, -39.2546, 131.0028



119.4320, -58.8800, 32.0701



120.4820, 55.4714, -105.6627



111.2500, 70.8688, -97.5662

# Sweetspot

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



98.6240, -39.2546, 131.0028



208.7510, -12.2022, 40.5604



111.8670, 59.7186, 119.3886



99.5040, -7.6435, 24.9910



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.



98.6240, -39.2546, 131.0028



88.5720, -43.6660, 145.9574



163.7810, -71.3770, 73.8601



116.4740, -2.2057, 7.4773



65.9030, -32.4902, 107.9561



21.1740, -10.4388, 34.9274



# Inverse Universe

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



168.3760, 39.2546, -131.0028



166.4280, 43.6660, -145.9574



103.2190, 71.3770, -73.8601



120.5260, 2.2057, -7.4773



123.0970, 32.4902, -107.9561



39.8260, 10.4388, -34.9274



# Previews

## White Background



This preview shows how the YUV color 98.6240, -39.2546, 131.0028 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 98.6240, -39.2546, 131.0028 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 98.6240, -39.2546, 131.0028

## Background



This preview shows how black text looks on a background with the YUV color 98.6240, -39.2546, 131.0028.



This preview shows how white text looks on a background with the YUV color 98.6240, -39.2546,



# 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

98.6240, -39.2546, 131.0028

### Protanopia

122.3390, -41.0861, 18.1197

### Deuteranopia

119.7530, -59.0382, 36.1736



## Tritanopia

99.6330, -32.8501, 130.1179

# Trichromacy



## Original Color

98.6240, -39.2546, 131.0028

## Protanomaly

113.5320, -40.1953, 59.1694

## Deuteranomaly

111.9220, -51.7265, 71.1054

## Tritanomaly

99.0630, -35.0341, 130.6177

# Monochromacy



## Original Color

98.6240, -39.2546, 131.0028

## Achromatopsia

99.0000, 0.0000, 0.0000

## Achromatomaly

98.9260, -14.2605, 47.4229

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 98.6240, -39.2546, 131.0028 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(248, 38, 19)` looks like.

```
.text, #text, p{  
    color:rgb(248, 38, 19)  
}
```

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(248, 38, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 38, 19) }
```

## Border

The CSS property to change the border of an element to YUV 98.6240, -39.2546, 131.0028 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(248, 38, 19) }
```



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

```
.border{ border-color:rgb(248, 38, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 38, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 38, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 38, 19);  
box-shadow:4px 4px 4px 4px rgb(248, 38,  
19) }
```

# Background

The CSS property to change the background color of an element to YUV 98.6240, -39.2546, 131.0028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 38, 19) }
```

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

```
.background{ background-color: rgb(248, 38,  
19) }
```

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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