

# Converting Colors

YUV(119.5660, -34.7890,  
98.6046)

Have a look what the booklet for  
YUV(119.5660, -34.7890, 98.6046)  
contains.

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# Color

**YUV(119.5660, -34.7890,  
98.6046)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E84C31
RGB	232, 76, 49
RGB Percent	91%, 30%, 19%
CMY	0.0902, 0.7020, 0.8078
CMYK	0.00, 0.67, 0.79, 0.09
HSL	9°, 80%, 55%
HSV	9°, 79%, 91%
XYZ	36.4175, 22.5464, 5.3382
YIQ	119.5660, 101.6430, 24.6750

# Conversions

## Conversions Part 2

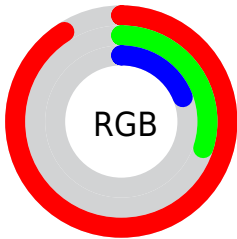
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	232, 81, 49
Decimal	15223857
CIE <sub>Lab</sub>	54.60, 58.84, 48.53
CIE <sub>LCh</sub>	55, 76.268, 39.515
Yxy	22.5464, 0.5663, 0.3506
Android (android.graphics.Color)	4293413937 (0xFFE84C31)
YUV	119.5660, -34.7890, 98.6046
Hunter-Lab	47.4831, 53.8066, 26.5726

# Details

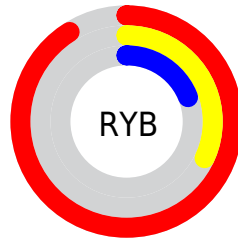
The YUV color **119.5660, -34.7890, 98.6046** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **161.4340, 34.7890, -98.6046**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.9010, -32.9822, 79.0168**, and **50.3460, -24.3276, 103.1826** is the 20% darker color. If you saturate the color by 10%, you get **105.2040, -39.0476, 111.2001**, and if you desaturate by 10%, it is **133.9280, -30.5305, 86.0091**.

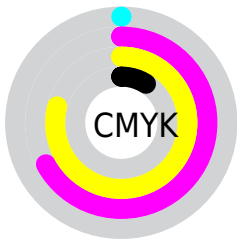
# Distribution



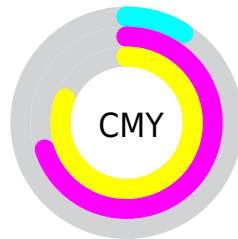
- Red (91%)
- Green (30%)
- Blue (19%)



- Red (91%)
- Yellow (32%)
- Blue (19%)



- Cyan (0%)
- Magenta (67%)
- Yellow (79%)
- Black (9%)




- Cyan (9%)
- Magenta (70%)
- Yellow (81%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 119.5660, -34.7890, 98.6046 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 119.5660, -34.7890, 98.6046 by changing the saturation by 10% instead.





 119.5660,  
-34.7890, 98.6046

 119.5660,  
-34.7890, 98.6046


255.0000, 0.0000,  
0.0000

 89.6520, -31.8734,  
96.7752


 164.9010,  
-32.9822, 79.0168


 50.3460, -24.3276,  
103.1826


 184.7740,  
-30.4546, 61.5882

 40.9630, -20.1948,  
84.2244


 204.1740,  
-27.2008, 44.5744

 31.6940, -15.6251,  
65.1664

 224.2750,  
-23.7996, 26.9458

 22.8380, -10.7661,  
46.6231

 245.0770,  
-20.2510, 8.7025

 14.2810, -6.0545,  
28.6946

 252.3780,

 0.0000, 0.0000,

-10.0464, 2.2995

0.0000

■ 119.5660,  
-34.7890, 98.6046

■ 119.5660,  
-34.7890, 98.6046

■ 105.2040,  
-39.0476, 111.2001

■ 133.9280,  
-30.5305, 86.0091

■ 90.8420, -43.3061,  
123.7956

■ 148.2900,  
-26.2720, 73.4137

■ 89.3260, -44.0377,  
125.1251


■ 162.1790,  
-21.2872, 61.2330


■ 176.5410,  
-17.0287, 48.6375

■ 190.9030,  
-12.7702, 36.0421

■ 205.2650, -8.5116,  
23.4466

 219.0400, -3.9637,  
11.3659

 233.5160, 0.7316,  
-1.3295

 247.5360, 3.6798,  
-13.6251

# Harmonies

## Analogous

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



113.1390, -0.0685, 115.6421



119.5660, -34.7890, 98.6046



122.5760, -60.4300, 62.6388

# Triad

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



119.5660, -34.7890, 98.6046



100.8060, -9.7644, -88.4069



106.5540, 73.1839, -93.4479

# Complementary

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



119.5660, -34.7890, 98.6046



161.4340, 34.7890, -98.6046

# 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.



117.1200, 67.9748, -102.7142



119.5660, -34.7890, 98.6046



110.5470, 19.9433, -96.9497

# Square

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



119.5660, -34.7890, 98.6046



106.0010, -52.2585, -38.5889



117.1420, 47.7510, -102.7335



133.4930, 49.5500, 20.6156



# Rectangle

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



119.5660, -34.7890, 98.6046



122.6770, -60.4798, 31.8553



117.1420, 47.7510, -102.7335



111.2500, 70.8688, -97.5662

# Sweetspot

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



119.5660, -34.7890, 98.6046



217.5220, -11.5963, 32.8682



121.8430, 42.4754, 96.6077



104.9980, -6.9010, 20.1728



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.



119.5660, -34.7890, 98.6046



105.9030, -45.8012, 130.7581



171.8090, -60.5448, 52.7875



107.7620, -2.3477, 6.3477



68.7830, -33.9100, 96.6603



19.9450, -9.8329, 27.2352



# Inverse Universe

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



161.4340, 34.7890, -98.6046



161.5100, 46.0906, -130.2433



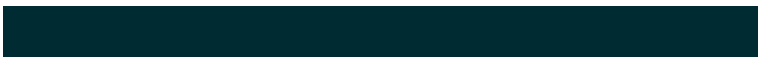
109.1910, 60.5448, -52.7875



110.2380, 2.3477, -6.3477



109.6300, 34.1994, -96.1455



31.0550, 9.8329, -27.2352



# Previews

## White Background



This preview shows how the YUV color 119.5660, -34.7890, 98.6046 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 119.5660, -34.7890, 98.6046 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 119.5660, -34.7890, 98.6046 Background



This preview shows how black text looks on a background with the YUV color 119.5660, -34.7890, 98.6046.



This preview shows how white text looks on a background with the YUV color 119.5660, -34.7890,



# 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

119.5660, -34.7890, 98.6046

### Protanopia

127.6620, -30.8924, 15.2054

### Deuteranopia

126.2270, -44.4819, 34.0039



**Tritanopia**

121.1820, -22.2747, 98.0644

# Trichromacy



## Original Color

119.5660, -34.7890, 98.6046

## Protanomaly

124.8060, -32.4424, 45.7741

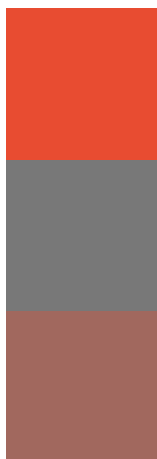
## Deuteranomaly

123.9940, -40.9160, 57.0103

## Tritanomaly

120.6290, -26.9321, 98.5494

# Monochromacy



## Original Color

119.5660, -34.7890, 98.6046

## Achromatopsia

120.0000, 0.0000, 0.0000

## Achromatomaly

119.9030, -12.7702, 36.0421

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 119.5660, -34.7890, 98.6046 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(232, 76, 49)` looks like.

```
.text, #text, p{  
    color:rgb(232, 76, 49)  
}
```

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(232, 76, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 76, 49) }
```

## Border

The CSS property to change the border of an element to YUV 119.5660, -34.7890, 98.6046 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(232, 76, 49) }
```



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

```
.border{ border-color:rgb(232, 76, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 76, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 76, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 76, 49);  
box-shadow:4px 4px 4px 4px rgb(232, 76,  
49) }
```

# Background

The CSS property to change the background color of an element to YUV 119.5660, -34.7890, 98.6046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 76, 49) }
```

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

```
.background{ background-color: rgb(232, 76,  
49) }
```

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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