

# Converting Colors

YUV(123.3490, -35.6681,  
100.5489)

Have a look what the booklet for  
YUV(123.3490, -35.6681, 100.5489)  
contains.

<b>YUV(123.3490, -35.6681, 100.5489)</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(123.3490, -35.6681,  
100.5489)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EE4F33
RGB	238, 79, 51
RGB Percent	93%, 31%, 20%
CMY	0.0667, 0.6902, 0.8000
CMYK	0.00, 0.67, 0.79, 0.07
HSL	9°, 85%, 57%
HSV	9°, 79%, 93%
XYZ	38.6534, 24.0081, 5.7287
YIQ	123.3490, 103.7520, 25.0000

# Conversions

## Conversions Part 2

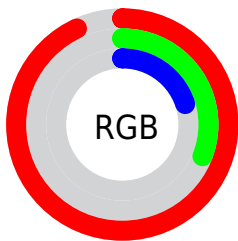
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	238, 84, 51
Decimal	15617843
CIE <sub>Lab</sub>	56.10, 59.68, 49.36
CIE <sub>LCh</sub>	56, 77.450, 39.592
Yxy	24.0081, 0.5652, 0.3510
Android (android.graphics.Color)	4293807923 (0xFFEE4F33)
YUV	123.3490, -35.6681, 100.5489
Hunter-Lab	48.9981, 55.0677, 27.3666

# Details

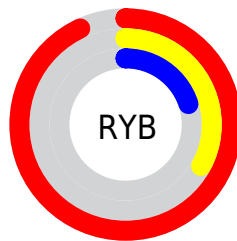
The YUV color **123.3490, -35.6681, 100.5489** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **165.6510, 35.6681, -100.5489**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.4770, -33.2662, 76.7577**, and **54.7160, -25.4960, 104.6121** is the 20% darker color. If you saturate the color by 10%, you get **108.8730, -40.3634, 113.2444**, and if you desaturate by 10%, it is **137.8250, -30.9727, 87.8535**.

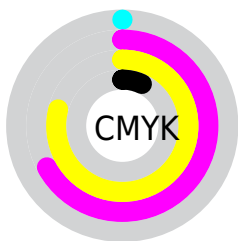
# Distribution



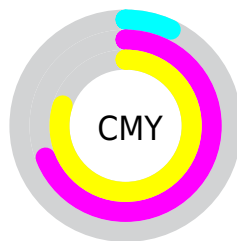
- Red (93%)
- Green (31%)
- Blue (20%)



- Red (93%)
- Yellow (33%)
- Blue (20%)



- Cyan (0%)
- Magenta (67%)
- Yellow (79%)
- Black (7%)




- Cyan (7%)
- Magenta (69%)
- Yellow (80%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 123.3490, -35.6681, 100.5489 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 123.3490, -35.6681, 100.5489 by changing the saturation by 10% instead.




 123.3490,  
-35.6681, 100.5489


 123.3490,  
-35.6681, 100.5489


255.0000, 0.0000,  
0.0000

 93.4350, -32.7525,  
98.7195


 167.4770,  
-33.2662, 76.7577

 54.7160, -25.4960,  
104.6121


 186.7630,  
-30.4492, 59.8438

 42.4580, -20.9318,  
87.2983


 206.8640,  
-27.0480, 42.2153

 33.1890, -16.3622,  
68.2402

 226.9650,  
-23.6467, 24.5867

 24.3330, -11.5032,  
49.6970

 247.1800,  
-19.8087, 6.8581

 15.7760, -6.7916,  
31.7684

 252.7200, -8.7360,

 0.0000, 0.0000,

1.9996

0.0000

■ 123.3490,  
-35.6681, 100.5489

■ 123.3490,  
-35.6681, 100.5489

■ 108.8730,  
-40.3634, 113.2444

■ 137.8250,  
-30.9727, 87.8535

■ 94.3970, -45.0587,  
125.9398

■ 152.3010,  
-26.2774, 75.1580


■ 92.2940, -45.5009,  
127.7842


■ 167.2500,  
-22.3083, 62.0478


■ 181.7260,  
-17.6129, 49.3523

■ 196.2020,  
-12.9176, 36.6568

■ 210.6780, -8.2223,  
23.9614

 225.7410, -3.8163,  
10.7511

 240.1030, 0.4422,  
-1.8443

 249.9170, 2.5059,  
-10.4512

# Harmonies

## Analogous

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



117.0360, -0.5107, 117.4864



123.3490, -35.6681, 100.5489



126.4190, -62.3246, 63.6535

# Triad

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



123.3490, -35.6681, 100.5489



104.0830, -9.9009, -91.2808



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.



123.3490, -35.6681, 100.5489



165.6510, 35.6681, -100.5489

# 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.



119.4680, 66.8173, -104.7734



123.3490, -35.6681, 100.5489



113.9380, 20.2436, -99.9236

# Square

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



123.3490, -35.6681, 100.5489



109.2460, -53.8583, -38.8037



120.0600, 48.7774, -105.2926



137.3190, 50.1287, 21.6452



# Rectangle

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



123.3490, -35.6681, 100.5489



125.6340, -61.9376, 32.7700



120.0600, 48.7774, -105.2926



113.5980, 69.7112, -99.6254

# Sweetspot

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



123.3490, -35.6681, 100.5489



217.5220, -11.5963, 32.8682



125.3810, 43.1962, 98.7669



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.



123.3490, -35.6681, 100.5489



107.8920, -45.7958, 129.0137



176.1790, -61.7132, 54.2170



112.7620, -2.3477, 6.3477



70.8650, -34.9364, 99.2194



21.4400, -10.5699, 30.3091

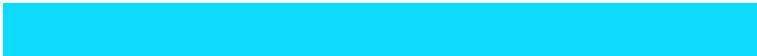


# Inverse Universe

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



165.6510, 35.6681, -100.5489



162.1080, 45.7958, -129.0137



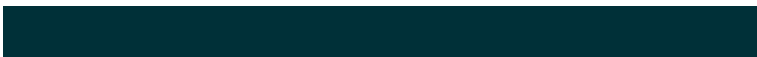
112.8210, 61.7132, -54.2170



115.2380, 2.3477, -6.3477



112.5480, 35.2258, -98.7046



34.5600, 10.5699, -30.3091



# Previews

## White Background



This preview shows how the YUV color 123.3490, -35.6681, 100.5489 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 123.3490, -35.6681, 100.5489 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 123.3490, -35.6681, 100.5489 Background



This preview shows how black text looks on a background with the YUV color 123.3490, -35.6681, 100.5489.



This preview shows how white text looks on a background with the YUV color 123.3490, -35.6681, 100.5489.



# 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

123.3490, -35.6681, 100.5489

### Protanopia

131.4340, -31.7660, 15.4054

### Deuteranopia

129.9990, -45.3555, 34.2039



## Tritanopia

125.0790, -22.7169, 99.9087

# Trichromacy



## Original Color

123.3490, -35.6681, 100.5489

## Protanomaly

128.5780, -33.3160, 45.9741

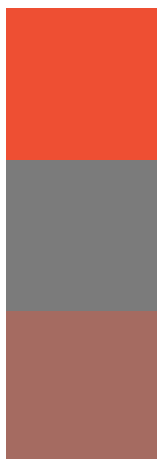
## Deuteranomaly

127.4780, -41.6477, 58.3398

## Tritanomaly

124.5260, -27.3743, 100.3937

# Monochromacy



## Original Color

123.3490, -35.6681, 100.5489

## Achromatopsia

123.0000, 0.0000, 0.0000

## Achromatomaly

123.2020, -12.9176, 36.6568

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 123.3490, -35.6681, 100.5489 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(238, 79, 51)` looks like.

```
.text, #text, p{  
    color:rgb(238, 79, 51)  
}
```

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(238, 79, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 79, 51) }
```

## Border

The CSS property to change the border of an element to YUV 123.3490, -35.6681, 100.5489 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(238, 79, 51) }
```



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

```
.border{ border-color:rgb(238, 79, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 79, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 79, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 79, 51);  
box-shadow:4px 4px 4px 4px rgb(238, 79,  
51) }
```

# Background

The CSS property to change the background color of an element to YUV 123.3490, -35.6681, 100.5489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 79, 51) }
```

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

```
.background{ background-color: rgb(238, 79,  
51) }
```

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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