

# Converting Colors

YUV(120.3590, -34.1940,  
94.4012)

Have a look what the booklet for  
YUV(120.3590, -34.1940, 94.4012)  
contains.

<b>YUV(120.3590, -34.1940, 94.4012)</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(120.3590, -34.1940,  
94.4012)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E44F33
RGB	228, 79, 51
RGB Percent	89%, 31%, 20%
CMY	0.1059, 0.6902, 0.8000
CMYK	0.00, 0.65, 0.78, 0.11
HSL	9°, 77%, 55%
HSV	9°, 78%, 89%
XYZ	35.3884, 22.3250, 5.5759
YIQ	120.3590, 97.7920, 22.8800

# Conversions

## Conversions Part 2

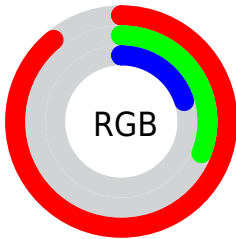
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	228, 84, 51
Decimal	14962483
CIE <sub>Lab</sub>	54.37, 56.38, 47.06
CIE <sub>LCh</sub>	54, 73.441, 39.848
Yxy	22.3250, 0.5592, 0.3527
Android (android.graphics.Color)	4293152563 (0xFFE44F33)
YUV	120.3590, -34.1940, 94.4012
Hunter-Lab	47.2493, 51.0053, 26.0776

# Details

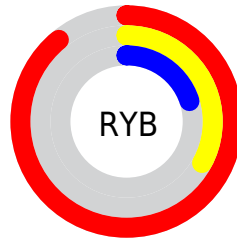
The YUV color **120.3590, -34.1940, 94.4012** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **158.6410, 34.1940, -94.4012**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.8900, -32.9768, 77.2725**, and **56.1340, -26.1951, 95.4755** is the 20% darker color. If you saturate the color by 10%, you get **106.5840, -38.7419, 106.4818**, and if you desaturate by 10%, it is **134.1340, -29.6461, 82.3205**.

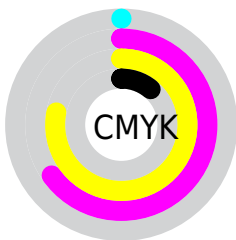
# Distribution



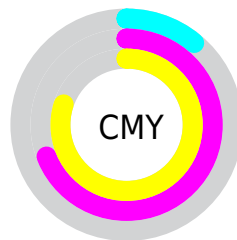
- Red (89%)
- Green (31%)
- Blue (20%)



- Red (89%)
- Yellow (33%)
- Blue (20%)



- Cyan (0%)
- Magenta (65%)
- Yellow (78%)
- Black (11%)




- Cyan (11%)
- Magenta (69%)
- Yellow (80%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 120.3590, -34.1940, 94.4012 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 120.3590, -34.1940, 94.4012 by changing the saturation by 10% instead.




 120.3590,  
-34.1940, 94.4012


 120.3590,  
-34.1940, 94.4012


255.0000, 0.0000,  
0.0000

 91.1460, -31.1310,  
91.9570


 166.8900,  
-32.9768, 77.2725

 56.1340, -26.1951,  
95.4755


 186.1760,  
-30.1598, 60.3586


 40.0660, -19.7525,  
82.3801


 205.5760,  
-26.9060, 43.3448

 30.7970, -15.1829,  
63.3220

 225.6770,  
-23.5048, 25.7163

 21.9410, -10.3239,  
44.7787

 246.4790,  
-19.9561, 7.4729

 13.2700, -6.0491,  
26.9502

 252.7200, -8.7360,

 0.0000, 0.0000,

1.9996

0.0000

■ 120.3590,  
-34.1940, 94.4012

■ 120.3590,  
-34.1940, 94.4012

■ 106.5840,  
-38.7419, 106.4818

■ 134.1340,  
-29.6461, 82.3205

■ 92.8090, -43.2898,  
118.5625

■ 147.9090,  
-25.0981, 70.2398


■ 89.3040, -44.0269,  
121.6364


■ 162.1570,  
-21.2764, 57.7443

■ 175.9320,  
-16.7285, 45.6636

■ 189.7070,  
-12.1806, 33.5830

■ 203.4820, -7.6326,  
21.5023

 217.2570, -3.0847,  
9.4216

 231.5050, 0.7370,  
-3.0739

 245.1660, 4.8482,  
-15.0546

# Harmonies

## Analogous

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



115.9380, -1.9414, 109.6794



120.3590, -34.1940, 94.4012



122.2660, -60.2771, 60.2797

# Triad

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



120.3590, -34.1940, 94.4012



100.4470, -8.6014, -88.0920



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.



120.3590, -34.1940, 94.4012



158.6410, 34.1940, -94.4012

# 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.



115.9630, 66.0802, -101.6996



120.3590, -34.1940, 94.4012



109.8460, 19.7959, -96.3349

# Square

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



120.3590, -34.1940, 94.4012



106.6530, -51.1009, -36.5297



116.0990, 46.2932, -101.8188



132.9230, 47.3660, 21.1155



# Rectangle

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



120.3590, -34.1940, 94.4012



121.4920, -59.8956, 31.1405



116.0990, 46.2932, -101.8188



110.0760, 71.4475, -96.5367

# Sweetspot

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



120.3590, -34.1940, 94.4012



219.5110, -11.5909, 31.1239



121.0230, 39.4287, 93.8188



105.6990, -6.7536, 19.5580



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.



120.3590, -34.1940, 94.4012



110.5820, -45.6429, 126.6546



171.4280, -59.3710, 49.6136



107.7620, -2.3477, 6.3477



69.9570, -34.4888, 95.6307



19.9450, -9.8329, 27.2352

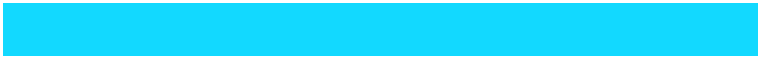


# Inverse Universe

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



158.6410, 34.1940, -94.4012



161.8310, 45.9323, -126.1398



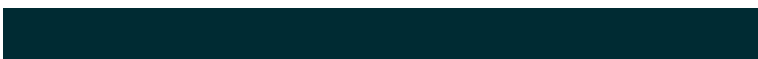
107.5720, 59.3710, -49.6136



110.2380, 2.3477, -6.3477



108.4560, 34.7782, -95.1159



31.0550, 9.8329, -27.2352



# Previews

## White Background



This preview shows how the YUV color 120.3590, -34.1940, 94.4012 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 120.3590, -34.1940, 94.4012 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 120.3590, -34.1940, 94.4012

## Background



This preview shows how black text looks on a background with the YUV color 120.3590, -34.1940, 94.4012.



This preview shows how white text looks on a background with the YUV color 120.3590, -34.1940,



# 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

120.3590, -34.1940, 94.4012

### Protanopia

127.4770, -30.3082, 14.4907

### Deuteranopia

126.3840, -42.5873, 32.9892



## Tritanopia

121.6160, -20.5167, 94.1758

# Trichromacy



## Original Color

120.3590, -34.1940, 94.4012

## Protanomaly

125.0230, -31.5633, 43.8298

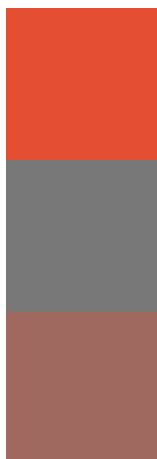
## Deuteranomaly

124.3250, -39.6002, 54.9660

## Tritanomaly

120.9490, -25.6109, 94.7607

# Monochromacy



## Original Color

120.3590, -34.1940, 94.4012

## Achromatopsia

120.0000, 0.0000, 0.0000

## Achromatomaly

120.0060, -12.3280, 34.1977

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 120.3590, -34.1940, 94.4012 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(228, 79, 51)` looks like.

```
.text, #text, p{  
    color:rgb(228, 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(228, 79, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 79, 51) }
```

## Border

The CSS property to change the border of an element to YUV 120.3590, -34.1940, 94.4012 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(228, 79, 51) }
```



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

```
.border{ border-color:rgb(228, 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(228, 79, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 79, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 79, 51);  
box-shadow:4px 4px 4px 4px rgb(228, 79,  
51) }
```

# Background

The CSS property to change the background color of an element to YUV 120.3590, -34.1940, 94.4012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 79, 51) }
```

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

```
.background{ background-color: rgb(228, 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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