

# Converting Colors

YUV(143.4500, -32.2668,  
82.9204)

Have a look what the booklet for  
YUV(143.4500, -32.2668, 82.9204)  
contains.

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# Color

**YUV(143.4500, -32.2668,  
82.9204)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EE6C4E
RGB	238, 108, 78
RGB Percent	93%, 42%, 31%
CMY	0.0667, 0.5765, 0.6941
CMYK	0.00, 0.55, 0.67, 0.07
HSL	11°, 82%, 62%
HSV	11°, 67%, 93%
XYZ	41.9976, 29.4523, 10.6791
YIQ	143.4500, 87.1100, 18.2300

# Conversions

## Conversions Part 2

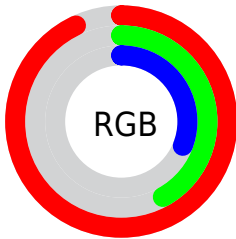
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	238, 115, 78
Decimal	15625294
CIE <sub>Lab</sub>	61.18, 48.16, 40.83
CIE <sub>LCh</sub>	61, 63.144, 40.292
Yxy	29.4523, 0.5114, 0.3586
Android (android.graphics.Color)	4293815374 (0xFFEE6C4E)
YUV	143.4500, -32.2668, 82.9204
Hunter-Lab	54.2700, 43.1623, 26.3221

# Details

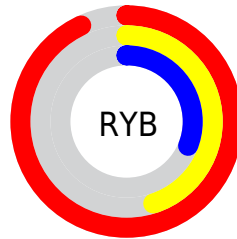
The YUV color **143.4500, -32.2668, 82.9204** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **172.5500, 32.2669, -82.9203**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.5180, -28.8494, 60.0587**, and **87.9700, -27.5932, 77.2023** is the 20% darker color. If you saturate the color by 10%, you get **129.5610, -37.2516, 95.1010**, and if you desaturate by 10%, it is **157.3390, -27.2821, 70.7397**.

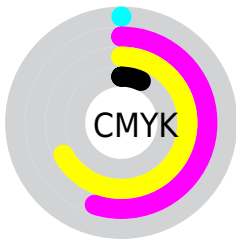
# Distribution



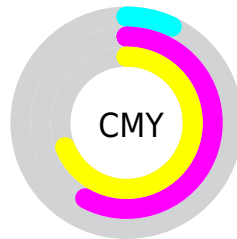
- Red (93%)
- Green (42%)
- Blue (31%)



- Red (93%)
- Yellow (45%)
- Blue (31%)



- Cyan (0%)
- Magenta (55%)
- Yellow (67%)
- Black (7%)



- Cyan (7%)
- Magenta (58%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 143.4500, -32.2668, 82.9204 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 143.4500, -32.2668, 82.9204 by changing the saturation by 10% instead.



143.4500,  
-32.2668, 82.9204

143.4500,  
-32.2668, 82.9204

255.0000, 0.0000,  
0.0000

115.5960,  
-30.3668, 80.1613

186.5180,  
-28.8494, 60.0587

87.9700, -27.5932,  
77.2023

205.9180,  
-25.5956, 43.0449

58.3550, -24.8250,  
75.9877

225.4320,  
-21.9050, 25.9311

34.3850, -16.9518,  
70.6994

245.6470,  
-18.0670, 8.2026

25.4150, -12.5296,  
52.2560

253.0620, -7.4256,  
1.6996

17.5700, -7.6760,  
35.4571

6.5780, -3.2430,

13.5251

■ 0.0000, 0.0000,  
0.0000

■ 143.4500,  
-32.2668, 82.9204

■ 143.4500,  
-32.2668, 82.9204

■ 129.5610,  
-37.2516, 95.1010

■ 157.3390,  
-27.2821, 70.7397

■ 115.0850,  
-41.9469, 107.7965

■ 171.8150,  
-22.5868, 58.0442

■ 101.3100,  
-46.4948, 119.8771

■ 185.5900,  
-18.0389, 45.9636

■ 97.5770, -48.1055,  
123.1510

■ 199.4790,  
-13.0541, 33.7829

■ 213.9550, -8.3588,  
21.0875

■ 227.8440, -3.3741,  
8.9068

■ 241.7330, 1.6106,  
-3.2738

■ 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.



143.6770, -6.2498, 91.4913



143.4500, -32.2668, 82.9204



142.0680, -53.2775, 55.1914

# Triad

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



143.4500, -32.2668, 82.9204



113.2760, -2.6011, -99.3431



133.8860, 59.7092, -64.7980

# Complementary

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



143.4500, -32.2668, 82.9204



172.5500, 32.2669, -82.9203

# 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.



125.1100, 63.0498, -109.7215



143.4500, -32.2668, 82.9204



121.0620, 22.1544, -106.1714

# Square

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



143.4500, -32.2668, 82.9204



131.2420, -37.5873, -30.9072



125.9300, 45.8835, -110.4406



151.6750, 40.0932, 20.4560



# Rectangle

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



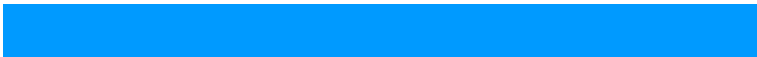
143.4500, -32.2668, 82.9204



139.1500, -61.2060, 31.4404



125.9300, 45.8835, -110.4406



119.4680, 66.8173, -104.7734

# Sweetspot

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



143.4500, -32.2668, 82.9204



225.1190, -10.4117, 26.2056



140.7740, 33.6354, 85.2672



109.7910, -6.3060, 15.9693



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.



143.4500, -32.2668, 82.9204



132.7860, -41.7995, 107.1817



189.8230, -55.1287, 42.2512



112.7620, -2.3477, 6.3477



74.9740, -36.9622, 95.6158



23.2010, -11.4381, 28.7647



# Inverse Universe

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



172.5500, 32.2669, -82.9203



170.2140, 41.7995, -107.1817



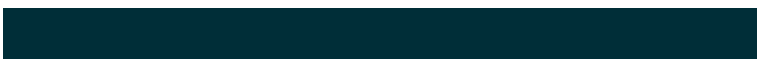
126.1770, 55.1287, -42.2512



115.2380, 2.3477, -6.3477



108.4390, 37.2516, -95.1010



33.3860, 11.1487, -29.2795



# Previews

## White Background



This preview shows how the YUV color 143.4500, -32.2668, 82.9204 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 143.4500, -32.2668, 82.9204 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 143.4500, -32.2668, 82.9204

## Background



This preview shows how black text looks on a background with the YUV color 143.4500, -32.2668, 82.9204.



This preview shows how white text looks on a background with the YUV color 143.4500, -32.2668, 82.9204.



# 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

143.4500, -32.2668, 82.9204

### Protanopia

145.8020, -26.5244, 14.2056

### Deuteranopia

145.5780, -36.7670, 32.8191



## Tritanopia

145.4620, -16.9898, 82.9098

# Trichromacy



## Original Color

143.4500, -32.2668, 82.9204

## Protanomaly

144.7990, -28.4949, 39.6413

## Deuteranomaly

144.8560, -34.9320, 50.9923

## Tritanomaly

144.3820, -22.3733, 82.9800

# Monochromacy



## Original Color

143.4500, -32.2668, 82.9204

## Achromatopsia

143.0000, 0.0000, 0.0000

## Achromatomaly

143.0980, -11.8803, 30.6091

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 143.4500, -32.2668, 82.9204 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, 108, 78)` looks like.

```
.text, #text, p{  
    color:rgb(238, 108, 78)  
}
```

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, 108, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 108, 78) }
```

## Border

The CSS property to change the border of an element to YUV 143.4500, -32.2668, 82.9204 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, 108, 78) }
```



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

```
.border{ border-color:rgb(238, 108, 78) }
```

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

Here you see how a box with a 4 pixel rgb(238, 108, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 108, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 108, 78);  
box-shadow:4px 4px 4px 4px rgb(238, 108,  
78) }
```

# Background

The CSS property to change the background color of an element to YUV 143.4500, -32.2668, 82.9204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 108, 78) }
```

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

```
.background{ background-color: rgb(238,  
108, 78) }
```

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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