

# Converting Colors

YUV(133.5760, -36.7660,  
79.3018)

Have a look what the booklet for  
YUV(133.5760, -36.7660, 79.3018)  
contains.

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# Color

**YUV(133.5760, -36.7660,  
79.3018)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0663B
RGB	224, 102, 59
RGB Percent	88%, 40%, 23%
CMY	0.1216, 0.6000, 0.7686
CMYK	0.00, 0.54, 0.74, 0.12
HSL	16°, 73%, 55%
HSV	16°, 74%, 88%
XYZ	36.2813, 25.6658, 7.1794
YIQ	133.5760, 86.5150, 12.4910

# Conversions

## Conversions Part 2

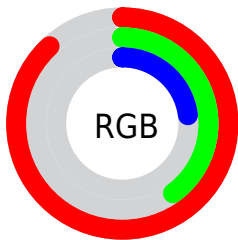
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 117, 59
Decimal	14706235
CIE <sub>Lab</sub>	57.72, 44.95, 46.30
CIE <sub>LCh</sub>	58, 64.533, 45.848
Yxy	25.6658, 0.5249, 0.3713
Android (android.graphics.Color)	4292896315 (0xFFE0663B)
YUV	133.5760, -36.7660, 79.3018
Hunter-Lab	50.6614, 39.1755, 27.0608

# Details

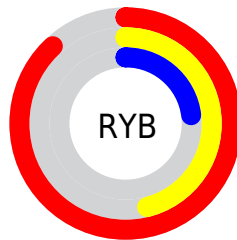
The YUV color **133.5760, -36.7660, 79.3018** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **149.4240, 36.7660, -79.3018**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.1290, -35.5596, 65.6619**, and **78.3410, -33.6921, 73.3689** is the 20% darker color. If you saturate the color by 10%, you get **121.0890, -41.4559, 90.2529**, and if you desaturate by 10%, it is **146.0630, -32.0761, 68.3507**.

# Distribution



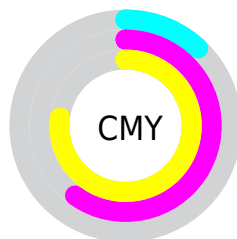
- Red (88%)
- Green (40%)
- Blue (23%)



- Red (88%)
- Yellow (46%)
- Blue (23%)



- Cyan (0%)
- Magenta (54%)
- Yellow (74%)
- Black (12%)



- Cyan (12%)
- Magenta (60%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 133.5760, -36.7660, 79.3018 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 133.5760, -36.7660, 79.3018 by changing the saturation by 10% instead.



133.5760,  
-36.7660, 79.3018

133.5760,  
-36.7660, 79.3018

255.0000, 0.0000,  
0.0000

106.3090,  
-35.1553, 76.0280

180.1290,  
-35.5596, 65.6619

78.3410, -33.6921,  
73.3689

199.5290,  
-32.3058, 48.6481

51.2080, -25.2455,  
70.8546

219.0430,  
-28.6152, 31.5343

30.4980, -15.0355,  
62.7073

239.1440,  
-25.2140, 13.9057

21.5280, -10.6133,  
44.2639

250.5540,  
-17.0351, 3.8991

13.9820, -5.9071,  
28.0798

253.8600, -4.3680,

0.0000, 0.0000,

0.9998

0.0000

■ 133.5760,  
-36.7660, 79.3018

■ 133.5760,  
-36.7660, 79.3018

■ 121.0890,  
-41.4559, 90.2529

■ 146.0630,  
-32.0761, 68.3507

■ 109.0750,  
-46.8720, 100.7892

■ 158.0770,  
-26.6600, 57.8145

■ 101.0220,  
-49.8038, 107.8517

■ 170.5640,  
-21.9701, 46.8634

■ 182.5780,  
-16.5540, 36.3271

■ 195.0650,  
-11.8640, 25.3760

■ 206.9650, -6.8847,  
14.9397

■ 219.5660, -1.7580,  
3.8886

■ 231.4660, 3.2213,  
-6.5477

■ 243.3830, 5.7272,  
-16.9989

# Harmonies

## Analogous

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



132.2490, -10.4758, 93.6206



133.5760, -36.7660, 79.3018



130.9720, -61.1182, 50.0136

# Triad

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



133.5760, -36.7660, 79.3018



108.1070, 0.4402, -94.8098



130.8390, 57.7604, -46.3398

# Complementary

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



133.5760, -36.7660, 79.3018



149.4240, 36.7660, -79.3018

# 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.



118.0830, 64.0491, -103.5588



133.5760, -36.7660, 79.3018



116.0070, 25.6325, -101.7381

# Square

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



133.5760, -36.7660, 79.3018



119.1310, -32.6026, -43.0879



120.0600, 48.7774, -105.2926



142.9430, 37.0031, 31.6220



# Rectangle

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



133.5760, -36.7660, 79.3018



128.8240, -63.5102, 23.8334



120.0600, 48.7774, -105.2926



112.0820, 68.9796, -98.2959

# Sweetspot

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



133.5760, -36.7660, 79.3018



224.5490, -12.5957, 26.7055



122.4710, 29.8408, 89.0409



109.4490, -7.6164, 16.2692



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.



133.5760, -36.7660, 79.3018



132.0220, -49.8038, 107.8517



181.1230, -60.2066, 37.6031



106.0500, -2.4896, 5.2182



79.6260, -39.2556, 84.5200



21.9830, -10.8376, 22.8169



# Inverse Universe

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



149.4240, 36.7660, -79.3018



153.9780, 49.8038, -107.8517



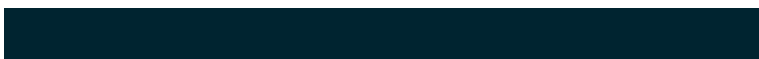
101.8770, 60.2066, -37.6031



106.9500, 2.4897, -5.2181



96.3740, 39.2556, -84.5200

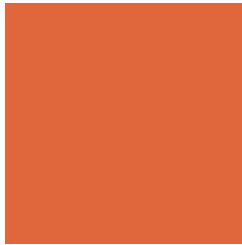


26.6040, 10.5482, -23.3317



# Previews

## White Background



This preview shows how the YUV color 133.5760, -36.7660, 79.3018 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 133.5760, -36.7660, 79.3018 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 133.5760, -36.7660, 79.3018 Background



This preview shows how black text looks on a background with the YUV color 133.5760, -36.7660, 79.3018.



This preview shows how white text looks on a background with the YUV color 133.5760, -36.7660,



# 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

133.5760, -36.7660, 79.3018

### Protanopia

135.6190, -32.3502, 16.1201

### Deuteranopia

135.4380, -41.1349, 33.8189



## Tritanopia

136.2550, -16.3947, 78.7064

# Trichromacy



## Original Color

133.5760, -36.7660, 79.3018

## Protanomaly

135.0070, -34.0205, 38.5819

## Deuteranomaly

134.7050, -39.2946, 50.2477

## Tritanomaly

135.3060, -23.8149, 78.6616

# Monochromacy



## Original Color

133.5760, -36.7660, 79.3018

## Achromatopsia

134.0000, 0.0000, 0.0000

## Achromatomaly

133.7450, -13.1853, 29.1646

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 133.5760, -36.7660, 79.3018 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(224, 102, 59)` looks like.

```
.text, #text, p{  
    color:rgb(224, 102, 59)  
}
```

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(224, 102, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 102, 59) }
```

## Border

The CSS property to change the border of an element to YUV 133.5760, -36.7660, 79.3018 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(224, 102, 59) }
```



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

```
.border{ border-color:rgb(224, 102, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 102, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 102, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 102, 59);  
box-shadow:4px 4px 4px 4px rgb(224, 102,  
59) }
```

# Background

The CSS property to change the background color of an element to YUV 133.5760, -36.7660, 79.3018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 102, 59) }
```

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

```
.background{ background-color: rgb(224,  
102, 59) }
```

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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