

Converting Colors

YUV(136.1190, -33.5827,
84.9646)

Have a look what the booklet for
YUV(136.1190, -33.5827, 84.9646)
contains.

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Color

**YUV(136.1190, -33.5827,
84.9646)**

Conversions

Conversions Part 1

Format	Color
Hex	E96444
RGB	233, 100, 68
RGB Percent	91%, 39%, 27%
CMY	0.0863, 0.6078, 0.7333
CMYK	0.00, 0.57, 0.71, 0.09
HSL	12°, 79%, 59%
HSV	12°, 71%, 91%
XYZ	39.2048, 26.8553, 8.5861
YIQ	136.1190, 89.5400, 18.2440

Conversions

Conversions Part 2

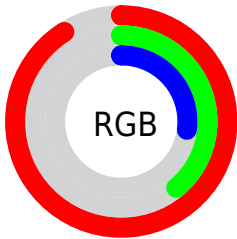
Format	Color
R_{YB}	233, 108, 68
Decimal	15295556
CIE _{Lab}	58.84, 49.61, 43.27
CIE _{LCh}	59, 65.827, 41.096
Yxy	26.8553, 0.5252, 0.3598
Android (android.graphics.Color)	4293485636 (0xFFE96444)
YUV	136.1190, -33.5827, 84.9646
Hunter-Lab	51.8221, 44.3513, 26.4521

Details

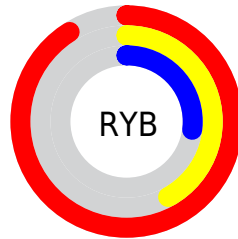
The YUV color **136.1190, -33.5827, 84.9646** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **164.8810, 33.5827, -84.9646**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.9810, -31.0496, 65.7917**, and **79.9380, -29.0564, 79.8614** is the 20% darker color. If you saturate the color by 10%, you get **122.3440, -38.1306, 97.0453**, and if you desaturate by 10%, it is **149.8940, -29.0347, 72.8840**.

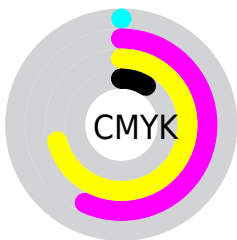
Distribution



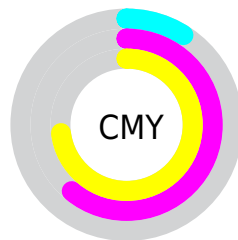
- Red (91%)
- Green (39%)
- Blue (27%)



- Red (91%)
- Yellow (42%)
- Blue (27%)



- Cyan (0%)
- Magenta (57%)
- Yellow (71%)
- Black (9%)



- Cyan (9%)
- Magenta (61%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.1190, -33.5827, 84.9646 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 136.1190, -33.5827, 84.9646 by changing the saturation by 10% instead.

136.1190,
-33.5827, 84.9646

136.1190,
-33.5827, 84.9646

255.0000, 0.0000,
0.0000

108.3790,
-31.2458, 82.1056

179.9810,
-31.0496, 65.7917

79.9380, -29.0564,
79.8614

199.3810,
-27.7958, 48.7779

47.7300, -23.5309,
80.9208

219.4820,
-24.3946, 31.1493

32.8900, -16.2148,
67.6255

239.6970,
-20.5566, 13.4207

23.9200, -11.7926,
49.1822

251.6940,
-12.6671, 2.8994

16.0750, -6.9390,
32.3832

1.1960, -0.5896,

2.4591

■ 0.0000, 0.0000,
0.0000

■ 136.1190,
-33.5827, 84.9646

■ 136.1190,
-33.5827, 84.9646

■ 122.3440,
-38.1306, 97.0453

■ 149.8940,
-29.0347, 72.8840

■ 108.4550,
-43.1153, 109.2260


■ 163.7830,
-24.0500, 60.7033

■ 96.0820, -47.3684,
120.0771

■ 176.9710,
-19.2127, 49.1374

■ 190.7460,
-14.6648, 37.0568

■ 204.5210,
-10.1169, 24.9761

 218.4100, -5.1321,
12.7954

 231.5980, -0.2948,
1.2296

 245.3730, 4.2531,
-10.8511

 248.4220, 3.2430,
-13.5251

Harmonies

Analogous

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



135.4110, -6.1186, 96.1096



136.1190, -33.5827, 84.9646



134.7000, -58.5191, 56.3911

Triad

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



136.1190, -33.5827, 84.9646



109.0700, -3.4855, -95.6544



124.3950, 64.3883, -72.2604

Complementary

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



136.1190, -33.5827, 84.9646



164.8810, 33.5827, -84.9646

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.



121.3600, 63.9125, -106.4327



136.1190, -33.5827, 84.9646



117.0840, 22.1436, -102.6827

Square

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



136.1190, -33.5827, 84.9646



123.8780, -38.8869, -34.0960



122.0660, 46.3095, -107.0519



145.3270, 41.2508, 22.5152

Rectangle

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



136.1190, -33.5827, 84.9646



132.1130, -65.1317, 30.5959



122.0660, 46.3095, -107.0519



115.9460, 68.5536, -101.6846

Sweetspot

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



136.1190, -33.5827, 84.9646



223.6030, -11.1433, 27.5352



132.7250, 34.6456, 87.9412



109.0900, -6.4534, 16.5841



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.



136.1190, -33.5827, 84.9646



127.5370, -44.1417, 111.7851



183.6660, -57.0233, 43.2659



110.4630, -2.2003, 5.7329



74.6640, -36.8094, 93.2567



22.0160, -10.8539, 28.0500

Inverse Universe

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



164.8810, 33.5827, -84.9646



165.4630, 44.1417, -111.7851



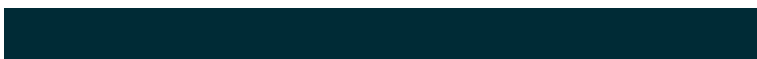
117.3340, 57.0233, -43.2659



112.5370, 2.2003, -5.7329



106.3360, 36.8094, -93.2567



31.3970, 11.1433, -27.5352

Previews

White Background



This preview shows how the YUV color 136.1190, -33.5827, 84.9646 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 136.1190, -33.5827, 84.9646 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 136.1190, -33.5827, 84.9646

Background



This preview shows how black text looks on a background with the YUV color 136.1190, -33.5827, 84.9646.



This preview shows how white text looks on a background with the YUV color 136.1190, -33.5827, 84.9646.

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

136.1190, -33.5827, 84.9646

Protanopia

139.3460, -28.2716, 14.6056

Deuteranopia

138.7090, -38.8035, 32.7042



Tritanopia

138.2450, -17.8688, 84.8541

Trichromacy



Original Color

136.1190, -33.5827, 84.9646

Protanomaly

138.3430, -30.2421, 40.0412

Deuteranomaly

137.6990, -36.8266, 52.0070

Tritanomaly

137.1650, -23.2523, 84.9243

Monochromacy



Original Color

136.1190, -33.5827, 84.9646

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.9840, -12.3171, 30.7090

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.1190, -33.5827, 84.9646 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(233, 100, 68)` looks like.

```
.text, #text, p{  
    color:rgb(233, 100, 68)  
}
```

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(233, 100, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 100, 68) }
```

Border

The CSS property to change the border of an element to YUV 136.1190, -33.5827, 84.9646 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(233, 100, 68) }
```


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

```
.border{ border-color:rgb(233, 100, 68) }
```

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

Here you see how a box with a 4 pixel rgb(233, 100, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 100, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 100, 68);  
box-shadow:4px 4px 4px 4px rgb(233, 100,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 136.1190, -33.5827, 84.9646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 100, 68) }
```

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

```
.background{ background-color: rgb(233,  
100, 68) }
```

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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