

Converting Colors

YUV(136.9880, -48.3081,
94.7265)

Have a look what the booklet for
YUV(136.9880, -48.3081, 94.7265)
contains.

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Color

**YUV(136.9880, -48.3081,
94.7265)**

Conversions

Conversions Part 1

Format	Color
Hex	F56527
RGB	245, 101, 39
RGB Percent	96%, 40%, 15%
CMY	0.0392, 0.6039, 0.8471
CMYK	0.00, 0.59, 0.84, 0.04
HSL	18°, 91%, 56%
HSV	18°, 84%, 96%
XYZ	42.6761, 28.8663, 5.2419
YIQ	136.9880, 105.7260, 11.2460

Conversions

Conversions Part 2

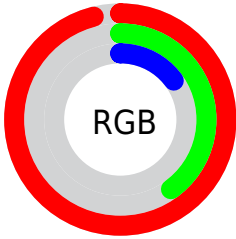
Format	Color
R_{YB}	245, 128, 39
Decimal	16082215
CIE Lab	60.66, 52.42, 59.42
CIE LCh	61, 79.242, 48.580
Yxy	28.8663, 0.5558, 0.3759
Android (android.graphics.Color)	4294272295 (0xFFFF56527)
YUV	136.9880, -48.3081, 94.7265
Hunter-Lab	53.7274, 47.7610, 31.8245

Details

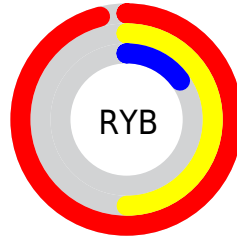
The YUV color **136.9880, -48.3081, 94.7265** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **147.0120, 48.3081, -94.7265**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.0770, -43.4220, 67.4615**, and **80.5340, -39.7033, 88.1087** is the 20% darker color. If you saturate the color by 10%, you get **124.2730, -53.8716, 105.8776**, and if you desaturate by 10%, it is **149.8170, -42.3078, 83.4755**.

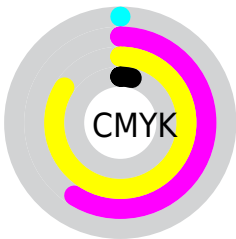
Distribution



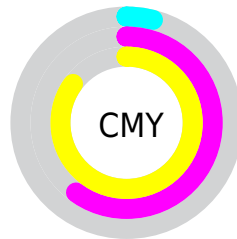
- Red (96%)
- Green (40%)
- Blue (15%)



- Red (96%)
- Yellow (50%)
- Blue (15%)



- Cyan (0%)
- Magenta (59%)
- Yellow (84%)
- Black (4%)



- Cyan (4%)
- Magenta (60%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.9880, -48.3081, 94.7265 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 136.9880, -48.3081, 94.7265 by changing the saturation by 10% instead.

136.9880,
-48.3081, 94.7265

136.9880,
-48.3081, 94.7265

255.0000, 0.0000,
0.0000

108.0370,
-49.3182, 92.0526

178.0770,
-43.4220, 67.4615

80.5340, -39.7033,
88.1087

197.4770,
-40.1682, 50.4477

48.6600, -23.9894,
87.9982

217.5780,
-36.7670, 32.8191

35.2820, -17.3940,
72.5437

237.6790,
-33.3657, 15.1905

26.3120, -12.9718,
54.1004

248.5020,
-24.8975, 5.6987

18.4670, -8.1182,
37.3014

251.8080,

7.5890, -3.2484,

-12.2303, 2.7994

15.2694

■ 0.0000, 0.0000,
0.0000

■ 136.9880,
-48.3081, 94.7265

■ 136.9880,
-48.3081, 94.7265

■ 124.2730,
-53.8716, 105.8776

■ 149.8170,
-42.3078, 83.4755

■ 116.6930,
-57.5296, 112.5252

■ 162.5320,
-36.7443, 72.3244

■ 175.3610,
-30.7440, 61.0734

■ 188.6630,
-25.4699, 49.4075

■ 201.4920,
-19.4696, 38.1565

214.2070,
-13.9061, 27.0055

227.0360, -7.9057,
15.7544

239.7510, -2.3422,
4.6034

252.0100, 1.4741,
-6.1478

Harmonies

Analogous

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



127.6580, -10.6774, 111.6789



136.9880, -48.3081, 94.7265



137.8600, -67.9650, 52.7428

Triad

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



136.9880, -48.3081, 94.7265



115.9490, 0.0251, -101.6873



132.1800, 60.5503, -54.5319

Complementary

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



136.9880, -48.3081, 94.7265



147.0120, 48.3081, -94.7265

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.



124.7510, 64.2128, -109.4066



136.9880, -48.3081, 94.7265



125.4450, 31.3326, -110.0153

Square

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



136.9880, -48.3081, 94.7265



112.5480, -35.2732, -73.2716



130.7520, 59.2823, -114.6695



149.3930, 44.6693, 46.1363

Rectangle

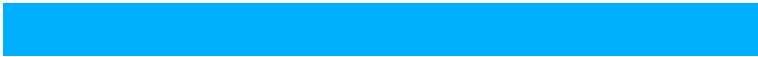
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



136.9880, -48.3081, 94.7265



135.2920, -66.6990, 19.9149



130.7520, 59.2823, -114.6695



116.5330, 68.2642, -102.1994

Sweetspot

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



136.9880, -48.3081, 94.7265



221.2890, -14.9325, 29.5645



117.0100, 32.5331, 112.2472



107.7050, -9.2216, 17.7987



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.



136.9880, -48.3081, 94.7265



121.4440, -59.8719, 117.1286



197.4490, -78.1154, 41.7022



115.9360, -2.9264, 5.3181



88.4860, -43.6236, 85.5198



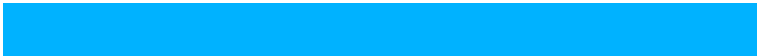
28.2070, -13.9061, 27.0055

Inverse Universe

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



147.0120, 48.3081, -94.7265



133.5560, 59.8719, -117.1286



86.5510, 78.1154, -41.7022



116.6510, 2.6371, -5.8329



97.5140, 43.6236, -85.5198



30.7930, 13.9061, -27.0055

Previews

White Background



This preview shows how the YUV color 136.9880, -48.3081, 94.7265 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 136.9880, -48.3081, 94.7265 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 136.9880, -48.3081, 94.7265

Background



This preview shows how black text looks on a background with the YUV color 136.9880, -48.3081, 94.7265.



This preview shows how white text looks on a background with the YUV color 136.9880, -48.3081,

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

136.9880, -48.3081, 94.7265

Protanopia

141.1390, -44.4385, 20.0491

Deuteranopia

139.3020, -58.3229, 40.0771



Tritanopia

141.1320, -19.7851, 92.8462

Trichromacy



Original Color

136.9880, -48.3081, 94.7265

Protanomaly

139.3750, -45.5409, 47.0291

Deuteranomaly

138.4600, -54.4568, 60.1096

Tritanomaly

139.3850, -30.2628, 93.5014

Monochromacy



Original Color

136.9880, -48.3081, 94.7265

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.9260, -17.7115, 34.2679

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.9880, -48.3081, 94.7265 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(245, 101, 39)` looks like.

```
.text, #text, p{  
    color:rgb(245, 101, 39)  
}
```

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(245, 101, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 101, 39) }
```

Border

The CSS property to change the border of an element to YUV 136.9880, -48.3081, 94.7265 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(245, 101, 39) }
```


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

```
.border{ border-color:rgb(245, 101, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 101, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 101, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 101, 39);  
box-shadow:4px 4px 4px 4px rgb(245, 101,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 136.9880, -48.3081, 94.7265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 101, 39) }
```

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

```
.background{ background-color: rgb(245,  
101, 39) }
```

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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