

Converting Colors

YUV(136.5220, -34.7673,
91.6272)

Have a look what the booklet for
YUV(136.5220, -34.7673, 91.6272)
contains.

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Color

**YUV(136.5220, -34.7673,
91.6272)**

Conversions

Conversions Part 1

Format	Color
Hex	F16142
RGB	241, 97, 66
RGB Percent	95%, 38%, 26%
CMY	0.0549, 0.6196, 0.7412
CMYK	0.00, 0.60, 0.73, 0.05
HSL	11°, 86%, 60%
HSV	11°, 73%, 95%
XYZ	41.5337, 27.6435, 8.3009
YIQ	136.5220, 95.7750, 20.8870

Conversions

Conversions Part 2

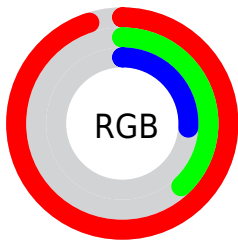
Format	Color
R_{YB}	241, 104, 66
Decimal	15819074
CIE _{Lab}	59.57, 53.71, 45.48
CIE _{LCh}	60, 70.380, 40.257
Yxy	27.6435, 0.5361, 0.3568
Android (android.graphics.Color)	4294009154 (0xFFFF16142)
YUV	136.5220, -34.7673, 91.6272
Hunter-Lab	52.5771, 48.9976, 27.4432

Details

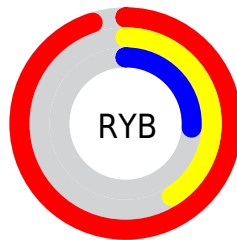
The YUV color **136.5220, -34.7673, 91.6272** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **170.4780, 34.7673, -91.6272**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.5790, -31.3444, 67.0212**, and **78.8680, -29.5149, 86.9388** is the 20% darker color. If you saturate the color by 10%, you get **122.0460, -39.4627, 104.3227**, and if you desaturate by 10%, it is **150.9980, -30.0720, 78.9318**.

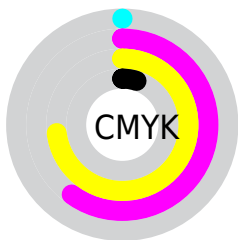
Distribution



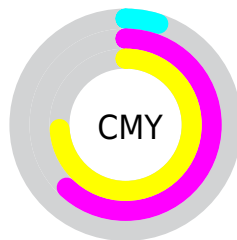
- Red (95%)
- Green (38%)
- Blue (26%)



- Red (95%)
- Yellow (41%)
- Blue (26%)



- Cyan (0%)
- Magenta (60%)
- Yellow (73%)
- Black (5%)



- Cyan (5%)
- Magenta (62%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.5220, -34.7673, 91.6272 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 136.5220, -34.7673, 91.6272 by changing the saturation by 10% instead.

136.5220,
-34.7673, 91.6272

136.5220,
-34.7673, 91.6272

255.0000, 0.0000,
0.0000

107.7820,
-32.4305, 88.7682

178.5790,
-31.3444, 67.0212

78.8680, -29.5149,
86.9388

197.9790,
-28.0906, 50.0074

43.9530, -21.6688,
90.3722

218.0800,
-24.6894, 32.3788

34.6840, -17.0992,
71.3141

238.2950,
-20.8514, 14.6503

25.7140, -12.6770,
52.8708

251.4660,
-13.5407, 3.0993

17.8690, -7.8234,
36.0719

254.7720, -0.8736,

5.9800, -2.9481,

0.2000

12.2955

■ 0.0000, 0.0000,
0.0000

■ 136.5220,
-34.7673, 91.6272

■ 136.5220,
-34.7673, 91.6272

■ 122.0460,
-39.4627, 104.3227

■ 150.9980,
-30.0720, 78.9318

■ 107.5700,
-44.1580, 117.0181

■ 165.4740,
-25.3767, 66.2363

■ 97.3000, -47.9689,
126.0249

■ 179.3630,
-20.3920, 54.0556

■ 193.8390,
-15.6966, 41.3602

■ 208.4290,
-10.5645, 28.5648

222.9050, -5.8692,
15.8693

237.3810, -1.1738,
3.1739

250.8140, 2.0637,
-8.6069

Harmonies

Analogous

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



135.0960, -4.9773, 103.4018



136.5220, -34.7673, 91.6272



134.6700, -66.3923, 61.6794

Triad

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



136.5220, -34.7673, 91.6272



110.4890, -5.6641, -96.8989



113.5980, 69.7112, -99.6254

Complementary

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



136.5220, -34.7673, 91.6272



170.4780, 34.7673, -91.6272

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.



123.5770, 64.7915, -108.3770



136.5220, -34.7673, 91.6272



119.6600, 21.8596, -104.9418

Square

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



136.5220, -34.7673, 91.6272



124.0150, -43.3914, -35.9702



125.0980, 47.7727, -109.7109



147.3530, 45.1820, 21.6154

Rectangle

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



136.5220, -34.7673, 91.6272



133.8960, -66.0107, 32.5402



125.0980, 47.7727, -109.7109



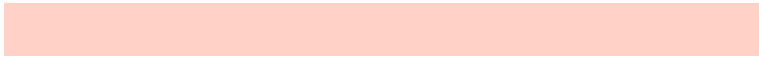
117.7070, 67.6854, -103.2290

Sweetspot

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



136.5220, -34.7673, 91.6272



221.6140, -11.1487, 29.2795



134.9690, 37.9763, 92.9892



107.6880, -6.7482, 17.8136



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.



136.5220, -34.7673, 91.6272



122.2710, -44.0106, 116.4033



187.0040, -59.6550, 47.3545



112.7620, -2.3477, 6.3477



74.3870, -36.6728, 96.1306



22.6140, -11.1487, 29.2795

Inverse Universe

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



170.4780, 34.7673, -91.6272



165.7290, 44.0106, -116.4033



119.9960, 59.6550, -47.3545



115.2380, 2.3477, -6.3477



109.6130, 36.6728, -96.1306



33.3860, 11.1487, -29.2795

Previews

White Background



This preview shows how the YUV color 136.5220, -34.7673, 91.6272 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 136.5220, -34.7673, 91.6272 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 136.5220, -34.7673, 91.6272

Background



This preview shows how black text looks on a background with the YUV color 136.5220, -34.7673, 91.6272.



This preview shows how white text looks on a background with the YUV color 136.5220, -34.7673, 91.6272.

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

136.5220, -34.7673, 91.6272

Protanopia

141.0040, -29.5820, 14.9055

Deuteranopia

140.4380, -41.1349, 33.8189



Tritanopia

138.2350, -19.3429, 91.0019

Trichromacy



Original Color

136.5220, -34.7673, 91.6272

Protanomaly

139.4250, -31.2685, 42.6003

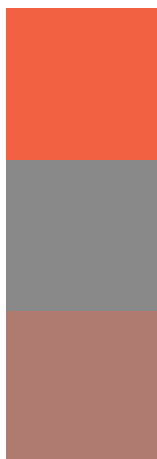
Deuteranomaly

138.8520, -38.8740, 55.3808

Tritanomaly

137.4540, -24.8738, 91.6868

Monochromacy



Original Color

136.5220, -34.7673, 91.6272

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.5930, -12.6173, 33.6829

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.5220, -34.7673, 91.6272 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(241, 97, 66)` looks like.

```
.text, #text, p{  
    color:rgb(241, 97, 66)  
}
```

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(241, 97, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 97, 66) }
```

Border

The CSS property to change the border of an element to YUV 136.5220, -34.7673, 91.6272 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(241, 97, 66) }
```


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

```
.border{ border-color:rgb(241, 97, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 97, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 97, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 97, 66);  
box-shadow:4px 4px 4px 4px rgb(241, 97,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 136.5220, -34.7673, 91.6272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 97, 66) }
```

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

```
.background{ background-color: rgb(241, 97,  
66) }
```

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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