

Converting Colors

YUV(137.8750, -50.2244,
102.7186)

Have a look what the booklet for
YUV(137.8750, -50.2244, 102.7186)
contains.

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Color

**YUV(137.8750, -50.2244,
102.7186)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6224
RGB	255, 98, 36
RGB Percent	100%, 38%, 14%
CMY	0.0000, 0.6157, 0.8588
CMYK	0.00, 0.62, 0.86, 0.00
HSL	17°, 100%, 57%
HSV	17°, 86%, 100%
XYZ	45.9261, 30.1227, 5.0628
YIQ	137.8750, 113.4740, 14.0020

Conversions

Conversions Part 2

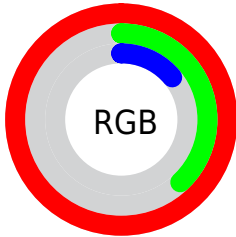
Format	Color
R_{YB}	255, 122, 36
Decimal	16736804
CIE Lab	61.76, 57.18, 62.15
CIE LCh	62, 84.453, 47.385
Yxy	30.1227, 0.5662, 0.3714
Android (android.graphics.Color)	4294926884 (0xFFFF6224)
YUV	137.8750, -50.2244, 102.7186
Hunter-Lab	54.8842, 53.3183, 32.9498

Details

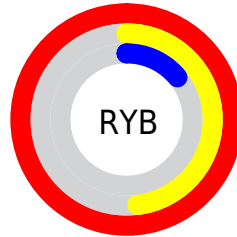
The YUV color **137.8750, -50.2244, 102.7186** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **153.1250, 50.2244, -102.7186**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.6750, -43.7168, 68.6910**, and **79.7030, -39.2936, 96.7305** is the 20% darker color. If you saturate the color by 10%, you get **124.3450, -56.3721, 114.5844**, and if you desaturate by 10%, it is **151.2910, -44.5135, 90.9528**.

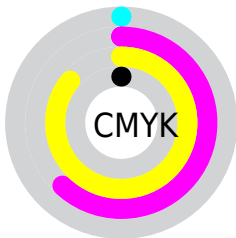
Distribution



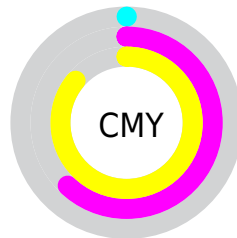
- Red (100%)
- Green (38%)
- Blue (14%)



- Red (100%)
- Yellow (48%)
- Blue (14%)



- Cyan (0%)
- Magenta (62%)
- Yellow (86%)
- Black (0%)



- Cyan (0%)
- Magenta (62%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the YUV color 137.8750, -50.2244, 102.7186 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 137.8750, -50.2244, 102.7186 by changing the saturation by 10% instead.


 137.8750,
-50.2244, 102.7186


 137.8750,
-50.2244, 102.7186


255.0000, 0.0000,
0.0000


 107.8100,
-51.6713, 100.1446


 176.6750,
-43.7168, 68.6910


 79.7030, -39.2936,
96.7305


 196.0750,
-40.4630, 51.6772


 47.2420, -23.2903,
97.1348


 216.1760,
-37.0618, 34.0486

 37.6740, -18.5733,
77.4619

 236.2770,
-33.6606, 16.4201

 28.4050, -14.0037,
58.4038

 248.2740,
-25.7711, 5.8987

 20.2610, -9.0027,
40.9901

 251.4660,

 10.5790, -4.7224,

-13.5407, 3.0993

21.4172

254.7720, -0.8736,
0.2000

■ 0.0000, 0.0000,
0.0000

■ 137.8750,
-50.2244, 102.7186

■ 137.8750,
-50.2244, 102.7186

■ 124.3450,
-56.3721, 114.5844

■ 151.2910,
-44.5135, 90.9528

■ 118.5090,
-58.4249, 119.7026

■ 165.4080,
-38.6551, 78.5722

■ 178.8240,
-32.9442, 66.8064

■ 192.3540,
-26.7965, 54.9405

■ 205.7700,
-21.0856, 43.1747

219.8870,
-15.2273, 30.7941

233.3030, -9.5164,
19.0283

246.8330, -3.3687,
7.1625

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



122.8310, -6.3257, 115.9122



137.8750, -50.2244, 102.7186



140.2520, -69.1442, 57.6610

Triad

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



137.8750, -50.2244, 102.7186



118.6560, -2.2954, -104.0613



124.3730, 64.3991, -75.7491

Complementary

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



137.8750, -50.2244, 102.7186



153.1250, 50.2244, -102.7186

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.



127.0990, 63.0552, -111.4658



137.8750, -50.2244, 102.7186



128.7220, 31.1961, -112.8892

Square

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



137.8750, -50.2244, 102.7186



111.1360, -40.4930, -79.0493



134.1430, 59.5825, -117.6434



151.6580, 49.4686, 46.7809

Rectangle

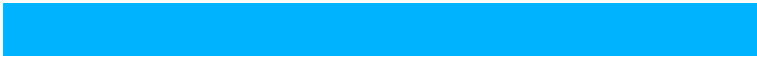
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



137.8750, -50.2244, 102.7186



138.2600, -68.1622, 22.5740



134.1430, 59.5825, -117.6434



118.8810, 67.1067, -104.2586

Sweetspot

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



137.8750, -50.2244, 102.7186



219.3000, -14.9379, 31.3089



119.8350, 38.0423, 118.5397



106.4170, -9.0796, 18.9283



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.



137.8750, -50.2244, 102.7186



118.5090, -58.4249, 119.7026



200.0970, -80.8998, 48.1499



120.6480, -2.7845, 6.4477



88.8070, -43.7819, 89.6233



29.7020, -14.6431, 30.0793

Inverse Universe

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



153.1250, 50.2244, -102.7186



136.4910, 58.4249, -119.7026



90.9030, 80.8998, -48.1499



121.7650, 3.0739, -5.9329



102.1930, 43.7819, -89.6233



34.2980, 14.6431, -30.0793

Previews

White Background



This preview shows how the YUV color 137.8750, -50.2244, 102.7186 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 137.8750, -50.2244, 102.7186 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 137.8750, -50.2244, 102.7186 Background



This preview shows how black text looks on a background with the YUV color 137.8750, -50.2244, 102.7186.



This preview shows how white text looks on a background with the YUV color 137.8750, -50.2244, 102.7186.

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

137.8750, -50.2244, 102.7186

Protanopia

143.5690, -46.6225, 20.5490

Deuteranopia

140.0930, -68.0798, 42.8914



Tritanopia

142.7090, -21.5485, 98.4792

Trichromacy



Original Color

137.8750, -50.2244, 102.7186

Protanomaly

141.4140, -48.0251, 50.5029

Deuteranomaly

139.2450, -61.7458, 64.6831

Tritanomaly

140.6740, -31.8843, 100.2639

Monochromacy



Original Color

137.8750, -50.2244, 102.7186

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.8340, -18.1592, 37.8566

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.8750, -50.2244, 102.7186 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(255, 98, 36)` looks like.

```
.text, #text, p{  
  color:rgb(255, 98, 36)  
}
```

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(255, 98, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 98, 36) }
```

Border

The CSS property to change the border of an element to YUV 137.8750, -50.2244, 102.7186 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(255, 98, 36) }
```


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

```
.border{ border-color:rgb(255, 98, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 98, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 98, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 98, 36);  
box-shadow:4px 4px 4px 4px rgb(255, 98,  
36) }
```

Background

The CSS property to change the background color of an element to YUV 137.8750, -50.2244, 102.7186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 98, 36) }
```

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

```
.background{ background-color: rgb(255, 98,  
36) }
```

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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