

Converting Colors

YUV(137.4250, -37.6775,
91.7123)

Have a look what the booklet for
YUV(137.4250, -37.6775, 91.7123)
contains.

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Color

**YUV(137.4250, -37.6775,
91.7123)**

Conversions

Conversions Part 1

Format	Color
Hex	F2633D
RGB	242, 99, 61
RGB Percent	95%, 39%, 24%
CMY	0.0510, 0.6118, 0.7608
CMYK	0.00, 0.59, 0.75, 0.05
HSL	13°, 87%, 59%
HSV	13°, 75%, 95%
XYZ	41.9221, 28.1378, 7.6365
YIQ	137.4250, 97.4260, 18.4980

Conversions

Conversions Part 2

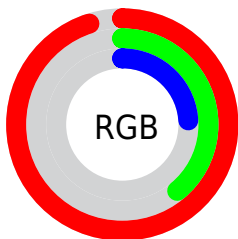
Format	Color
R_{YB}	242, 109, 61
Decimal	15885117
CIE _{Lab}	60.01, 52.96, 48.58
CIE _{LCh}	60, 71.865, 42.529
Yxy	28.1378, 0.5396, 0.3622
Android (android.graphics.Color)	4294075197 (0xFFFF2633D)
YUV	137.4250, -37.6775, 91.7123
Hunter-Lab	53.0451, 48.2414, 28.5961

Details

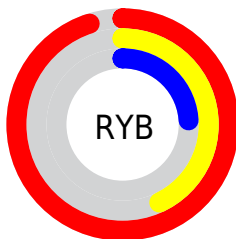
The YUV color **137.4250, -37.6775, 91.7123** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **165.5750, 37.6775, -91.7123**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.2970, -33.6704, 66.3915**, and **80.1300, -33.5881, 86.7090** is the 20% darker color. If you saturate the color by 10%, you get **123.5360, -42.6622, 103.8929**, and if you desaturate by 10%, it is **151.3140, -32.6928, 79.5316**.

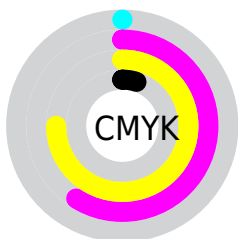
Distribution



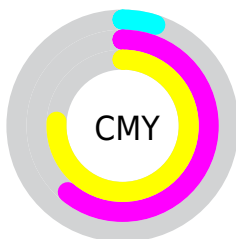
- Red (95%)
- Green (39%)
- Blue (24%)



- Red (95%)
- Yellow (43%)
- Blue (24%)



- Cyan (0%)
- Magenta (59%)
- Yellow (75%)
- Black (5%)





- Cyan (5%)
- Magenta (61%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YUV color 137.4250, -37.6775, 91.7123 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 137.4250, -37.6775, 91.7123 by changing the saturation by 10% instead.


 137.4250,
-37.6775, 91.7123

 137.4250,
-37.6775, 91.7123


255.0000, 0.0000,
0.0000


 109.2720,
-35.6301, 88.3385


 179.2970,
-33.6704, 66.3915

 80.1300, -33.5881,
86.7090


 198.5830,
-30.8534, 49.4777

 44.8390, -22.1056,
90.4722


 218.6840,
-27.4522, 31.8491

 34.9830, -17.2466,
71.9289

 238.8990,
-23.6142, 14.1206

 25.7140, -12.6770,
52.8708

 250.8960,
-15.7247, 3.5992

 18.2820, -7.5340,
36.5867

 254.0880, -3.4944,

 6.5780, -3.2430,

0.7998

13.5251

■ 0.0000, 0.0000,
0.0000

■ 137.4250,
-37.6775, 91.7123

■ 137.4250,
-37.6775, 91.7123

■ 123.5360,
-42.6622, 103.8929

■ 151.3140,
-32.6928, 79.5316

■ 109.6470,
-47.6470, 116.0736

■ 165.2030,
-27.7081, 67.3510

■ 102.2950,
-50.4314, 122.5213

■ 179.2060,
-22.2866, 55.0703

■ 193.0950,
-17.3018, 42.8897

■ 207.5710,
-12.6065, 30.1942

221.4600, -7.6218,
18.0136

235.3490, -2.6371,
5.8329

249.3520, 2.7845,
-6.4477

251.1130, 1.9163,
-7.9921

Harmonies

Analogous

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



134.6510, -6.7299, 105.5461



137.4250, -37.6775, 91.7123



135.8330, -66.9657, 58.9055

Triad

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



137.4250, -37.6775, 91.7123



112.2330, -4.0589, -98.4283



121.0840, 66.0206, -82.5117

Complementary

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



137.4250, -37.6775, 91.7123



165.5750, 37.6775, -91.7123

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.



124.1640, 64.5021, -108.8918



137.4250, -37.6775, 91.7123



120.9310, 24.1910, -106.0565

Square

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



137.4250, -37.6775, 91.7123



123.1390, -41.4805, -42.2179



126.4830, 50.5409, -110.9256



148.5710, 44.5815, 27.5632

Rectangle

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



137.4250, -37.6775, 91.7123



135.0590, -66.5841, 29.7663



126.4830, 50.5409, -110.9256



117.7070, 67.6854, -103.2290

Sweetspot

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



137.4250, -37.6775, 91.7123



222.7880, -11.7275, 28.2499



131.6490, 36.6550, 96.7778



108.2750, -7.0376, 17.2988



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.



137.4250, -37.6775, 91.7123



122.5330, -48.0838, 116.1736



189.6680, -63.4333, 45.8952



112.7620, -2.3477, 6.3477



77.9090, -38.4091, 93.0418



23.7880, -11.7275, 28.2499

Inverse Universe

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



165.5750, 37.6775, -91.7123



158.0540, 47.7944, -116.6884



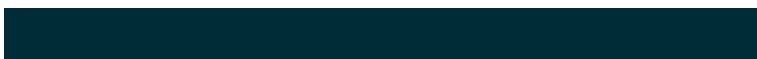
113.3320, 63.4333, -45.8952



114.6510, 2.6371, -5.8329



106.0910, 38.4091, -93.0418



32.2120, 11.7275, -28.2499

Previews

White Background



This preview shows how the YUV color 137.4250, -37.6775, 91.7123 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 137.4250, -37.6775, 91.7123 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 137.4250, -37.6775, 91.7123

Background



This preview shows how black text looks on a background with the YUV color 137.4250, -37.6775, 91.7123.



This preview shows how white text looks on a background with the YUV color 137.4250, -37.6775, 91.7123.

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

137.4250, -37.6775, 91.7123

Protanopia

141.5050, -32.7870, 16.2201

Deuteranopia

141.0530, -43.9031, 35.0335



Tritanopia

139.5340, -19.4903, 91.6167

Trichromacy



Original Color

137.4250, -37.6775, 91.7123

Protanomaly

139.9260, -34.4735, 43.9149

Deuteranomaly

139.7550, -41.7842, 55.4659

Tritanomaly

138.8130, -26.0368, 91.3720

Monochromacy



Original Color

137.4250, -37.6775, 91.7123

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.9520, -13.7803, 33.3681

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.4250, -37.6775, 91.7123 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(242, 99, 61)` looks like.

```
.text, #text, p{  
    color:rgb(242, 99, 61)  
}
```

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(242, 99, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 99, 61) }
```

Border

The CSS property to change the border of an element to YUV 137.4250, -37.6775, 91.7123 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(242, 99, 61) }
```


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

```
.border{ border-color:rgb(242, 99, 61) }
```

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

Here you see how a box with a 4 pixel rgb(242, 99, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 99, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 99, 61);  
box-shadow:4px 4px 4px 4px rgb(242, 99,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 137.4250, -37.6775, 91.7123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 99, 61) }
```

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

```
.background{ background-color: rgb(242, 99,  
61) }
```

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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