

Converting Colors

YUV(137.2050, -67.6421,
89.2742)

Have a look what the booklet for
YUV(137.2050, -67.6421, 89.2742)
contains.

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Color

**YUV(137.2050, -67.6421,
89.2742)**

Conversions

Conversions Part 1

Format	Color
Hex	EF7000
RGB	239, 112, 0
RGB Percent	94%, 44%, 0%
CMY	0.0627, 0.5608, 1.0000
CMYK	0.00, 0.53, 1.00, 0.06
HSL	28°, 100%, 47%
HSV	28°, 100%, 94%
XYZ	41.3908, 29.9391, 3.5973
YIQ	137.2050, 111.6440, -7.9080

Conversions

Conversions Part 2

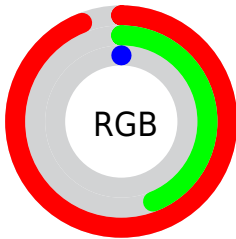
Format	Color
R_{YB}	239, 211, 0
Decimal	15691776
CIE _{Lab}	61.60, 44.50, 69.62
CIE _{LCh}	62, 82.626, 57.415
Yxy	29.9391, 0.5524, 0.3996
Android (android.graphics.Color)	4293881856 (0xFFEF7000)
YUV	137.2050, -67.6421, 89.2742
Hunter-Lab	54.7166, 39.2736, 34.4037

Details

The YUV color **137.2050, -67.6421, 89.2742** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **101.7950, 67.6421, -89.2742**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.5530, -55.4886, 64.4130**, and **87.5450, -43.1597, 76.6980** is the 20% darker color. If you saturate the color by 10%, you get **137.2050, -67.6421, 89.2742**, and if you desaturate by 10%, it is **147.5720, -60.9210, 80.1824**.

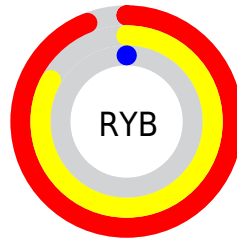
Distribution



Red (94%)

Green (44%)

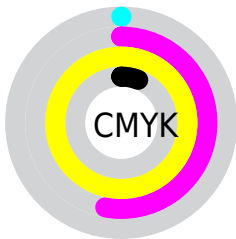
Blue (0%)



Red (94%)

Yellow (83%)

Blue (0%)

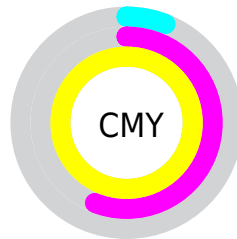


Cyan (0%)

Magenta (53%)

Yellow (100%)

Black (6%)



Cyan (6%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.2050, -67.6421, 89.2742 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 137.2050, -67.6421, 89.2742 by changing the saturation by 10% instead.

137.2050,
-67.6421, 89.2742

137.2050,
-67.6421, 89.2742

255.0000, 0.0000,
0.0000

112.3750,
-55.4009, 82.9861

181.5530,
-55.4886, 64.4130

87.5450, -43.1597,
76.6980

201.0670,
-51.7980, 47.2992

62.4270, -30.7765,
71.5395

220.5810,
-48.1074, 30.1855

33.7870, -16.6570,
69.4698

240.6820,
-44.7062, 12.5569

24.8170, -12.2348,
51.0265

246.2220,
-33.6334, 7.6983


17.1570, -7.9654,
34.9423


249.5280,


5.6810, -2.8007,


-20.9663, 4.7989


11.6808


 252.8340, -8.2992,
1.8996

 0.0000, 0.0000,
0.0000

 137.2050,
-67.6421, 89.2742

 147.5720,
-60.9210, 80.1824

 157.3520,
-53.9105, 71.6053

 167.7190,
-47.1895, 62.5134

 178.0860,
-40.4684, 53.4216

 187.7520,
-33.8947, 44.9445

■ 198.1190,
-27.1737, 35.8526

■ 208.4860,
-20.4526, 26.7608

■ 218.8530,
-13.7315, 17.6689

■ 228.6330, -6.7211,
9.0919

Harmonies

Analogous

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



128.9000, -21.1497, 110.5897



137.2050, -67.6421, 89.2742



139.8430, -68.9426, 39.6027

Triad

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



137.2050, -67.6421, 89.2742



121.6200, 9.0613, -106.6607



144.5270, 54.4632, -15.3712

Complementary

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



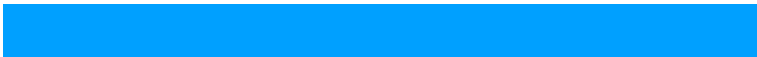
137.2050, -67.6421, 89.2742



101.7950, 67.6421, -89.2742

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.



122.9900, 65.0809, -107.8622



137.2050, -67.6421, 89.2742



130.1700, 41.8212, -114.1591

Square

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



137.2050, -67.6421, 89.2742



109.9070, -23.1252, -96.3884



131.7950, 60.7401, -115.5842



148.5810, 39.6466, 70.5275

Rectangle

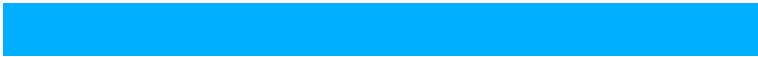
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



137.2050, -67.6421, 89.2742



134.6060, -66.3608, 4.7305



131.7950, 60.7401, -115.5842



127.3630, 62.9250, -69.6014

Sweetspot

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



137.2050, -67.6421, 89.2742



222.2690, -21.3316, 28.7051



85.9390, 20.2431, 134.2345



108.0810, -12.8579, 17.4690



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.



137.2050, -67.6421, 89.2742



146.0980, -72.0263, 95.5071



207.0580, -102.0796, 28.0131



114.5230, -3.2158, 4.8033



105.4980, -52.0105, 68.8463



32.0060, -15.7790, 21.0427

Inverse Universe

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



101.7950, 67.6421, -89.2742



108.9020, 72.0263, -95.5071



31.9420, 102.0796, -28.0131



112.8900, 3.5052, -4.2885



78.5020, 52.0105, -68.8463



23.9940, 15.7790, -21.0427

Previews

White Background



This preview shows how the YUV color 137.2050, -67.6421, 89.2742 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 137.2050, -67.6421, 89.2742 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 137.2050, -67.6421, 89.2742

Background



This preview shows how black text looks on a background with the YUV color 137.2050, -67.6421, 89.2742.



This preview shows how white text looks on a background with the YUV color 137.2050, -67.6421, 89.2742.

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



Protanopia

140.7900, -58.5635, 23.8632

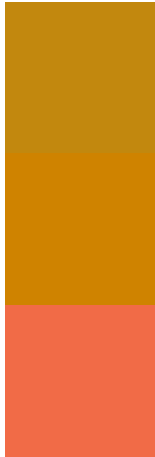
Deuteranopia

139.8650, -68.9534, 43.0914

Tritanopia

146.0600, -17.2846, 84.1394

Trichromacy



Protanomaly

139.4340, -61.8390, 47.8544

Deuteranomaly

138.7900, -68.4235, 59.8202

Tritanomaly

142.9620, -35.4773, 85.9793

Monochromacy



Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.0800, -24.6894, 32.3788

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.2050, -67.6421, 89.2742 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(239, 112, 0)` looks like.

```
.text, #text, p{  
    color:rgb(239, 112, 0)  
}
```

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(239, 112, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 112, 0) }
```

Border

The CSS property to change the border of an element to YUV 137.2050, -67.6421, 89.2742 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(239, 112, 0) }
```

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

```
.border{ border-color:rgb(239, 112, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 112, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 112, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 112, 0);  
box-shadow:4px 4px 4px 4px rgb(239, 112,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 137.2050, -67.6421, 89.2742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 112, 0) }
```

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

```
.background{ background-color: rgb(239,  
112, 0) }
```

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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