

Converting Colors

YUV(86.9670, -42.8747,
125.4399)

Have a look what the booklet for
YUV(86.9670, -42.8747, 125.4399)
contains.

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Color

**YUV(86.9670, -42.8747,
125.4399)**

Conversions

Conversions Part 1

Format	Color
Hex	E61F00
RGB	230, 31, 0
RGB Percent	90%, 12%, 0%
CMY	0.0980, 0.8784, 1.0000
CMYK	0.00, 0.87, 1.00, 0.10
HSL	8°, 100%, 45%
HSV	8°, 100%, 90%
XYZ	33.1231, 17.8030, 1.6905
YIQ	86.9670, 128.5550, 32.5470

Conversions

Conversions Part 2

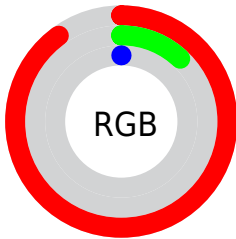
Format	Color
RYB	230, 36, 0
Decimal	15081216
CIELab	49.26, 70.58, 62.62
CIElCh	49, 94.353, 41.578
Yxy	17.8030, 0.6295, 0.3384
Android (android.graphics.Color)	4293271296 (0xFFE61F00)
YUV	86.9670, -42.8747, 125.4399
Hunter-Lab	42.1936, 66.2887, 27.1600

Details

The YUV color **86.9670, -42.8747, 125.4399** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **143.0330, 42.8747, -125.4399**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.4430, -41.6304, 99.5895**, and **49.0360, -24.1747, 100.8234** is the 20% darker color. If you saturate the color by 10%, you get **86.9670, -42.8747, 125.4399**, and if you desaturate by 10%, it is **101.3290, -38.6162, 112.8445**.

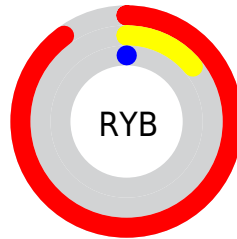
Distribution



Red (90%)

Green (12%)

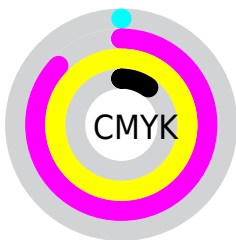
Blue (0%)



Red (90%)

Yellow (14%)

Blue (0%)

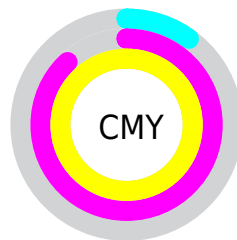


Cyan (0%)

Magenta (87%)

Yellow (100%)

Black (10%)



Cyan (10%)


Magenta (88%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 86.9670, -42.8747, 125.4399 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 86.9670, -42.8747, 125.4399 by changing the saturation by 10% instead.


 86.9670, -42.8747,
125.4399


 86.9670, -42.8747,
125.4399


 253.9740, -3.9312,
0.8998

 58.9030, -29.0392,
121.1111


 141.4430,
-41.6304, 99.5895

 49.0360, -24.1747,
100.8234


 161.9030,
-39.3922, 81.6461


 39.1690, -19.3103,
80.5358


 182.4770,
-36.7172, 63.6027

 30.0140, -14.3039,
61.3777

 202.4640,
-33.7528, 46.0741

 21.6850, -8.7187,
43.2493

 223.1520,
-30.6409, 27.9307


 11.4760, -5.1647,
23.2615


 243.9540,


 0.0000, 0.0000,


-27.0923, 9.6873


0.0000


 250.6680,
-16.5983, 3.7992


 86.9670, -42.8747,
125.4399

 101.3290,
-38.6162, 112.8445

 115.6910,
-34.3577, 100.2490

 130.0530,
-30.0991, 87.6535

 144.4150,
-25.8406, 75.0580

 158.7770,
-21.5821, 62.4626

■ 172.5520,
-17.0341, 50.3819

■ 186.9140,
-12.7756, 37.7864

■ 201.2760, -8.5171,
25.1909

■ 215.6380, -4.2585,
12.5955

Harmonies

Analogous

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



85.1240, 2.8969, 144.5963



86.9670, -42.8747, 125.4399



109.5960, -54.0308, 63.4983

Triad

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



86.9670, -42.8747, 125.4399



92.1830, -14.8802, -80.8445



98.9230, 76.9460, -86.7555

Complementary

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



86.9670, -42.8747, 125.4399



143.0330, 42.8747, -125.4399

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.



111.2500, 70.8688, -97.5662



86.9670, -42.8747, 125.4399



103.6340, 21.3794, -90.8870

Square

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



86.9670, -42.8747, 125.4399



81.5930, -40.2253, -71.5571



112.2980, 54.5761, -98.4853



116.1320, 60.5739, 31.4562

Rectangle

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



86.9670, -42.8747, 125.4399



109.6530, -54.0589, 25.7373



112.2980, 54.5761, -98.4853



104.2060, 74.3414, -91.3887

Sweetspot

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



86.9670, -42.8747, 125.4399



207.5940, -14.0968, 41.5751



91.4560, 53.0192, 121.5031



99.2760, -8.5171, 25.1909



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.



86.9670, -42.8747, 125.4399



96.2030, -47.4281, 139.2650



154.4720, -76.1547, 66.2381



107.7620, -2.3477, 6.3477



67.6090, -33.3312, 97.6899



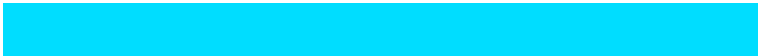
19.3580, -9.5435, 27.7500

Inverse Universe

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



143.0330, 42.8747, -125.4399



158.7970, 47.4281, -139.2650



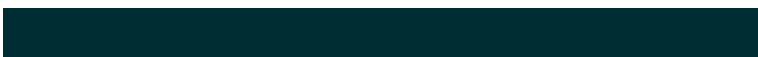
75.5280, 76.1547, -66.2381



110.2380, 2.3477, -6.3477



110.8040, 33.6206, -97.1751



31.6420, 9.5435, -27.7500

Previews

White Background



This preview shows how the YUV color 86.9670, -42.8747, 125.4399 looks on a white 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

Black Background



This preview shows how the YUV color 86.9670, -42.8747, 125.4399 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 86.9670, -42.8747, 125.4399

Background



This preview shows how black text looks on a background with the YUV color 86.9670, -42.8747, 125.4399.



This preview shows how white text looks on a background with the YUV color 86.9670, -42.8747,

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

86.9670, -42.8747, 125.4399

Protanopia

112.3390, -41.0861, 18.1197

Deuteranopia

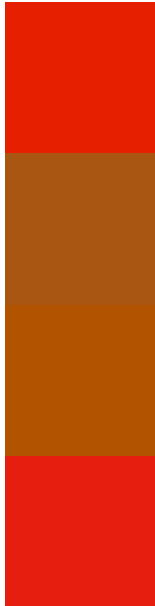
110.2950, -54.3754, 33.9443



Tritanopia

89.2300, -31.6654, 123.4553

Trichromacy



Original Color

86.9670, -42.8747, 125.4399

Protanomaly

102.7660, -41.7896, 57.2102

Deuteranomaly

101.9430, -50.2579, 66.7020

Tritanomaly

88.2040, -35.5966, 124.3551

Monochromacy



Original Color

86.9670, -42.8747, 125.4399

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.1600, -15.8549, 45.4637

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.9670, -42.8747, 125.4399 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(230, 31, 0)` looks like.

```
.text, #text, p{  
    color:rgb(230, 31, 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(230, 31, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 31, 0) }
```

Border

The CSS property to change the border of an element to YUV 86.9670, -42.8747, 125.4399 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(230, 31, 0) }
```


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

```
.border{ border-color:rgb(230, 31, 0) }
```

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

Here you see how a box with a 4 pixel rgb(230, 31, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 31, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 31, 0);  
box-shadow:4px 4px 4px 4px rgb(230, 31, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 86.9670, -42.8747, 125.4399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 31, 0) }
```

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

```
.background{ background-color: rgb(230, 31,  
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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