

Converting Colors

YUV(85.8700, -42.3339,
138.6800)

Have a look what the booklet for
YUV(85.8700, -42.3339, 138.6800)
contains.

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Color

**YUV(85.8700, -42.3339,
138.6800)**

Conversions

Conversions Part 1

Format	Color
Hex	F41600
RGB	244, 22, 0
RGB Percent	96%, 9%, 0%
CMY	0.0431, 0.9137, 1.0000
CMYK	0.00, 0.91, 1.00, 0.04
HSL	5°, 100%, 48%
HSV	5°, 100%, 96%
XYZ	37.5951, 19.8069, 1.8416
YIQ	85.8700, 139.3740, 40.2220

Conversions

Conversions Part 2

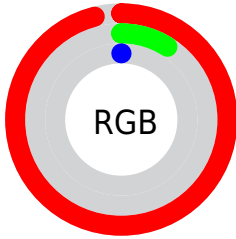
Format	Color
R_{YB}	244, 24, 0
Decimal	15996416
CIE Lab	51.62, 75.57, 65.24
CIE LCh	52, 99.840, 40.805
Yxy	19.8069, 0.6346, 0.3343
Android (android.graphics.Color)	4294186496 (0xFFFF41600)
YUV	85.8700, -42.3339, 138.6800
Hunter-Lab	44.5050, 72.9025, 28.7000

Details

The YUV color **85.8700, -42.3339, 138.6800** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **158.1300, 42.3339, -138.6800**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.9700, -40.9042, 100.0043**, and **52.9230, -26.0910, 108.8155** is the 20% darker color. If you saturate the color by 10%, you get **85.8700, -42.3339, 138.6800**, and if you desaturate by 10%, it is **101.5200, -38.2174, 124.9550**.

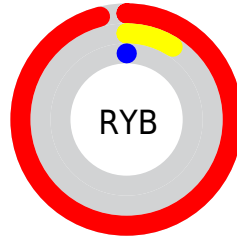
Distribution



Red (96%)

Green (9%)

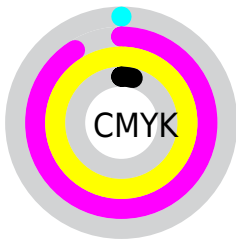
Blue (0%)



Red (96%)

Yellow (9%)

Blue (0%)

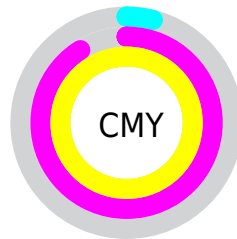


Cyan (0%)

Magenta (91%)

Yellow (100%)

Black (4%)



Cyan (4%)


Magenta (91%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 85.8700, -42.3339, 138.6800 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 85.8700, -42.3339, 138.6800 by changing the saturation by 10% instead.


 85.8700, -42.3339,
138.6800


 85.8700, -42.3339,
138.6800


 254.2020, -3.0576,
0.6998


 62.7900, -30.9555,
129.1032


 140.9700,
-40.9042, 100.0043


 52.9230, -26.0910,
108.8155


 162.1310,
-38.5186, 81.4461

 43.0560, -21.2266,
88.5279


 182.5910,
-36.2804, 63.5027

 33.6020, -16.0728,
68.7550

 203.2790,
-33.1685, 45.3593

 24.6750, -10.1928,
49.3970

 223.9670,
-30.0567, 27.2159

 15.1780, -6.4968,
30.5389


 244.7690,


 0.0000, 0.0000,


-26.5081, 8.9726


0.0000


 250.8960,
-15.7247, 3.5992

 85.8700, -42.3339,
138.6800

 101.5200,
-38.2174, 124.9550

 117.2840,
-33.6640, 111.1299

 133.5210,
-29.8369, 96.8901

 149.2850,
-25.2835, 83.0651

 164.9350,
-21.1670, 69.3400

■ 180.5850,
-17.0504, 55.6150

■ 196.3490,
-12.4971, 41.7899

■ 212.5860, -8.6699,
27.5501

■ 228.3500, -4.1165,
13.7251

Harmonies

Analogous

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



87.3030, 4.7806, 147.0703



85.8700, -42.3339, 138.6800



114.6460, -56.5205, 68.7165

Triad

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



85.8700, -42.3339, 138.6800



96.7650, -17.6321, -84.8629



103.0320, 74.9202, -90.3591

Complementary

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



85.8700, -42.3339, 138.6800



158.1300, 42.3339, -138.6800

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.



115.9460, 68.5536, -101.6846



85.8700, -42.3339, 138.6800



109.0140, 21.6851, -95.6053

Square

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



85.8700, -42.3339, 138.6800



85.7020, -42.2511, -75.1607



118.3620, 57.5025, -103.8035



122.0870, 65.5261, 29.7417

Rectangle

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



85.8700, -42.3339, 138.6800



115.2790, -56.8325, 28.6963



118.3620, 57.5025, -103.8035



108.3150, 72.3157, -94.9923

Sweetspot

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



85.8700, -42.3339, 138.6800



205.2460, -12.9393, 43.6343



98.4920, 61.8754, 127.6105



98.1020, -7.9383, 26.2205



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.



85.8700, -42.3339, 138.6800



89.7460, -44.2448, 144.9278



156.3100, -77.0608, 76.9041



114.1750, -2.0583, 6.8625



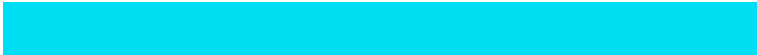
65.5930, -32.3373, 105.5969



20.5760, -10.1440, 33.6978

Inverse Universe

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



158.1300, 42.3339, -138.6800



165.2540, 44.2448, -144.9278



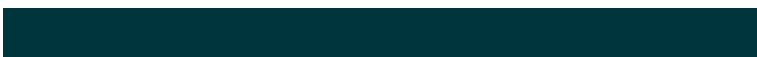
87.6900, 77.0608, -76.9041



117.8250, 2.0583, -6.8625



120.4070, 32.3373, -105.5969



37.8370, 10.4334, -33.1830

Previews

White Background



This preview shows how the YUV color 85.8700, -42.3339, 138.6800 looks on a white background.

Color Contrast Check

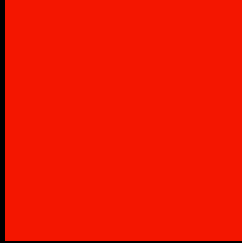
Large Text (above 18pt) WCAG AA ✓ Pass

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 85.8700, -42.3339, 138.6800 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 85.8700, -42.3339, 138.6800

Background



This preview shows how black text looks on a background with the YUV color 85.8700, -42.3339, 138.6800.



This preview shows how white text looks on a background with the YUV color 85.8700, -42.3339,

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

85.8700, -42.3339, 138.6800

Protanopia

117.8830, -42.8333, 18.5196

Deuteranopia

115.9100, -57.1436, 35.1589



Tritanopia

86.5540, -39.7131, 138.0801

Trichromacy



Original Color

85.8700, -42.3339, 138.6800

Protanomaly

106.2720, -42.5321, 62.0285

Deuteranomaly

104.9330, -51.7320, 72.8498

Tritanomaly

86.3260, -40.5867, 138.2801

Monochromacy



Original Color

85.8700, -42.3339, 138.6800

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.0080, -15.2869, 49.9820

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.8700, -42.3339, 138.6800 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(244, 22, 0)` looks like.

```
.text, #text, p{  
    color:rgb(244, 22, 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(244, 22, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 22, 0) }
```

Border

The CSS property to change the border of an element to YUV 85.8700, -42.3339, 138.6800 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(244, 22, 0) }
```


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

```
.border{ border-color:rgb(244, 22, 0) }
```

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

Here you see how a box with a 4 pixel rgb(244, 22, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 22, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 22, 0);  
box-shadow:4px 4px 4px 4px rgb(244, 22, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 85.8700, -42.3339, 138.6800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 22, 0) }
```

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

```
.background{ background-color: rgb(244, 22,  
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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