

Converting Colors

YUV(70.8630, -34.9355,
145.7021)

Have a look what the booklet for
YUV(70.8630, -34.9355, 145.7021)
contains.

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Color

**YUV(70.8630, -34.9355,
145.7021)**

Conversions

Conversions Part 1

Format	Color
Hex	ED0000
RGB	237, 0, 0
RGB Percent	93%, 0%, 0%
CMY	0.0706, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.07
HSL	0°, 100%, 46%
HSV	0°, 100%, 93%
XYZ	34.9251, 18.0045, 1.6345
YIQ	70.8630, 141.2520, 50.2440

Conversions

Conversions Part 2

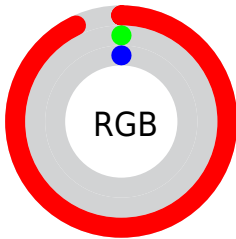
Format	Color
RYB	237, 0, 0
Decimal	15532032
CIELab	49.50, 75.79, 63.60
CIElCh	50, 98.939, 40.000
Yxy	18.0045, 0.6401, 0.3300
Android (android.graphics.Color)	4293722112 (0xFFED0000)
YUV	70.8630, -34.9355, 145.7021
Hunter-Lab	42.4317, 72.6657, 27.4184

Details

The YUV color **70.8630, -34.9355, 145.7021** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark washed red. A complement of this color would be **166.1370, 34.9355, -145.7021**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.6330, -39.7521, 103.8079**, and **50.8300, -25.0592, 104.5121** is the 20% darker color. If you saturate the color by 10%, you get **70.8630, -34.9355, 145.7021**, and if you desaturate by 10%, it is **87.6870, -31.3977, 130.9475**.

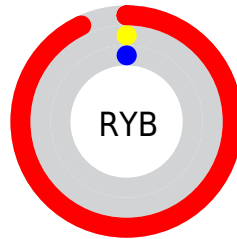
Distribution



Red (93%)

Green (0%)

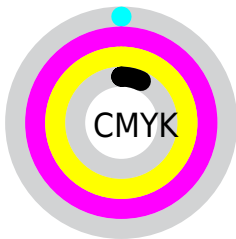
Blue (0%)



Red (93%)

Yellow (0%)

Blue (0%)

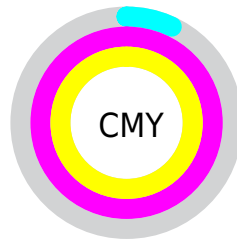


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (7%)



Cyan (7%)


Magenta (100%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 70.8630, -34.9355, 145.7021 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 70.8630, -34.9355, 145.7021 by changing the saturation by 10% instead.


 70.8630, -34.9355,
145.7021

 70.8630, -34.9355,
145.7021


 253.8600, -4.3680,
0.9998

 60.6970, -29.9236,
124.7997


 136.6330,
-39.7521, 103.8079

 50.8300, -25.0592,
104.5121


 157.7940,
-37.3664, 85.2497


 40.9630, -20.1948,
84.2244


 178.2540,
-35.1282, 67.3062

 31.6230, -14.6041,
64.3516

 198.9420,
-32.0164, 49.1629

 23.1800, -9.4557,
46.3231

 219.6300,
-28.9046, 31.0195


 12.9710, -5.9017,
26.3354


 240.9050,


 0.0000, 0.0000,


-26.0822, 12.3613


0.0000


 250.5540,
-17.0351, 3.8991


 70.8630, -34.9355,
145.7021

 87.6870, -31.3977,
130.9475

 103.8100,
-28.0073, 116.8076

 120.6340,
-24.4696, 102.0530

 137.4580,
-20.9318, 87.2983

 153.5810,
-17.5414, 73.1585

■ 170.4050,
-14.0037, 58.4038

■ 187.2290,
-10.4659, 43.6492

■ 204.0530, -6.9281,
28.8945

■ 220.1760, -3.5378,
14.7546

Harmonies

Analogous

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



86.9610, 3.4702, 147.3702



70.8630, -34.9355, 145.7021



109.6290, -54.0471, 68.7314

Triad

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



70.8630, -34.9355, 145.7021



92.4450, -18.9534, -81.0743



100.0970, 76.3672, -87.7851

Complementary

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



70.8630, -34.9355, 145.7021



166.1370, 34.9355, -145.7021

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.



113.0110, 70.0006, -99.1106



70.8630, -34.9355, 145.7021



104.5800, 19.9271, -91.7167

Square

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



70.8630, -34.9355, 145.7021



82.1800, -40.5147, -72.0719



113.8140, 55.3077, -99.8149



116.0650, 65.5370, 26.2530

Rectangle

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



70.8630, -34.9355, 145.7021



110.5610, -54.5066, 29.3260



113.8140, 55.3077, -99.8149



105.9670, 73.4733, -92.9331

Sweetspot

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



70.8630, -34.9355, 145.7021



201.7240, -11.2029, 46.7231



97.8810, 68.5857, 122.0074



95.7540, -6.7807, 28.2797



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.



70.8630, -34.9355, 145.7021



76.2450, -37.5888, 156.7681



140.1290, -69.0836, 84.9559



109.2890, -1.6215, 6.7625



54.1190, -26.6807, 111.2746



16.1460, -7.9600, 33.1980

Inverse Universe

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



166.1370, 34.9355, -145.7021



178.7550, 37.5888, -156.7681



96.2840, 69.3730, -84.4411



113.7110, 1.6215, -6.7625



126.8810, 26.6807, -111.2746



37.8540, 7.9600, -33.1980

Previews

White Background



This preview shows how the YUV color 70.8630, -34.9355, 145.7021 looks on a white background.

Color Contrast Check

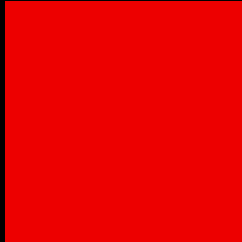
Large Text (above 18pt) WCAG AA ✓ Pass

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 70.8630, -34.9355, 145.7021 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 70.8630, -34.9355, 145.7021

Background



This preview shows how black text looks on a background with the YUV color 70.8630, -34.9355, 145.7021.



This preview shows how white text looks on a background with the YUV color 70.8630, -34.9355,

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

114.0400, -40.9387, 17.5049

Tritanopia

83.1790, -41.0072, 133.1470

Trichromacy



Protanomaly

98.0210, -38.4644, 64.0026

Tritanomaly

78.7820, -38.8395, 137.8802

Monochromacy



Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.7140, -12.6770, 52.8708

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.8630, -34.9355, 145.7021 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(237, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(237, 0, 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(237, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 0, 0) }
```

Border

The CSS property to change the border of an element to YUV 70.8630, -34.9355, 145.7021 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(237, 0, 0) }
```

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

```
.border{ border-color:rgb(237, 0, 0) }
```

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

Here you see how a box with a 4 pixel rgb(237, 0, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(237, 0, 0); box-shadow:4px  
4px 4px 4px rgb(237, 0, 0) }
```


Background

The CSS property to change the background color of an element to YUV 70.8630, -34.9355, 145.7021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 0, 0) }
```

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

```
.background{ background-color: rgb(237, 0,  
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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