

Converting Colors

YUV(73.8090, -36.3878,
144.8725)

Have a look what the booklet for
YUV(73.8090, -36.3878, 144.8725)
contains.

YUV(73.8090, -36.3878, 144.8725)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(73.8090, -36.3878,
144.8725)**

Conversions

Conversions Part 1

Format	Color
Hex	EF0400
RGB	239, 4, 0
RGB Percent	94%, 2%, 0%
CMY	0.0627, 0.9843, 1.0000
CMYK	0.00, 0.98, 1.00, 0.06
HSL	1°, 100%, 47%
HSV	1°, 100%, 94%
XYZ	35.6400, 18.4376, 1.6804
YIQ	73.8090, 141.3440, 48.5760

Conversions

Conversions Part 2

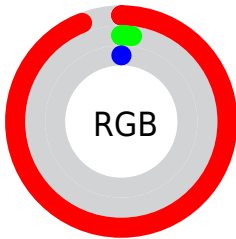
Format	Color
RYB	239, 4, 0
Decimal	15664128
CIELab	50.02, 75.97, 64.04
CIElCh	50, 99.362, 40.127
Yxy	18.4376, 0.6392, 0.3307
Android (android.graphics.Color)	4293854208 (0xFFEF0400)
YUV	73.8090, -36.3878, 144.8725
Hunter-Lab	42.9390, 73.0146, 27.7370

Details

The YUV color **73.8090, -36.3878, 144.8725** 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 **165.1910, 36.3878, -144.8725**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.9210, -39.8941, 102.6783**, and **51.4280, -25.3540, 105.7416** is the 20% darker color. If you saturate the color by 10%, you get **73.8090, -36.3878, 144.8725**, and if you desaturate by 10%, it is **90.0460, -32.5607, 130.6327**.

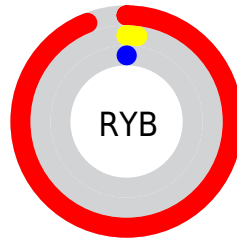
Distribution



Red (94%)

Green (2%)

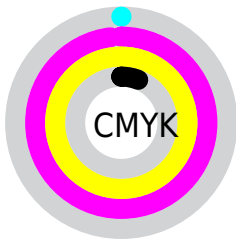
Blue (0%)



Red (94%)

Yellow (2%)

Blue (0%)

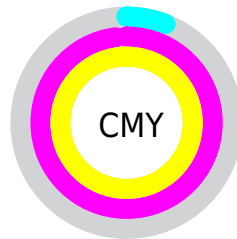


Cyan (0%)

Magenta (98%)

Yellow (100%)

Black (6%)



Cyan (6%)


Magenta (98%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 73.8090, -36.3878, 144.8725 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 73.8090, -36.3878, 144.8725 by changing the saturation by 10% instead.


 73.8090, -36.3878,
144.8725

 73.8090, -36.3878,
144.8725


 253.9740, -3.9312,
0.8998

 61.2950, -30.2184,
126.0293


 137.9210,
-39.8941, 102.6783


 51.4280, -25.3540,
105.7416


 158.9680,
-37.9452, 84.2201

 41.5610, -20.4896,
85.4540


 179.5420,
-35.2702, 66.1767

 32.2210, -14.8990,
65.5812

 200.1160,
-32.5952, 48.1333

 23.4790, -9.6031,
46.9379

 220.8040,
-29.4834, 29.9899


 13.5690, -6.1965,
27.5650


 241.6060,


 0.0000, 0.0000,


-25.9348, 11.7465


0.0000


 250.6680,
-16.5983, 3.7992


 73.8090, -36.3878,
144.8725

 90.0460, -32.5607,
130.6327

 106.8700,
-29.0229, 115.8780

 123.6940,
-25.4851, 101.1234

 139.9310,
-21.6580, 86.8835

 156.6410,
-18.5570, 72.2288

■ 172.8780,
-14.7299, 57.9890

■ 189.7020,
-11.1921, 43.2343

■ 205.9390, -7.3649,
28.9945

■ 222.1760, -3.5378,
14.7546

Harmonies

Analogous

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



87.0750, 3.9070, 147.2702



73.8090, -36.3878, 144.8725



110.5150, -54.4839, 68.8313

Triad

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



73.8090, -36.3878, 144.8725



93.2600, -18.3692, -81.7890



101.2710, 75.7884, -88.8147

Complementary

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



73.8090, -36.3878, 144.8725



165.1910, 36.3878, -144.8725

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.



113.5980, 69.7112, -99.6254



73.8090, -36.3878, 144.8725



105.3950, 20.5113, -92.4314

Square

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



73.8090, -36.3878, 144.8725



82.7670, -40.8041, -72.5867



114.6290, 55.8919, -100.5296



117.4780, 65.8263, 26.7678

Rectangle

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



73.8090, -36.3878, 144.8725



112.0340, -55.2328, 28.9112



114.6290, 55.8919, -100.5296



106.5540, 73.1839, -93.4479

Sweetspot

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



73.8090, -36.3878, 144.8725



202.3110, -11.4923, 46.2083



98.2510, 67.4173, 123.4369



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.



73.8090, -36.3878, 144.8725



78.5930, -38.7463, 154.7089



143.6620, -70.8254, 83.6114



111.5880, -1.7689, 7.3773



56.7770, -27.9911, 111.5746



17.3310, -8.5442, 33.9127

Inverse Universe

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



165.1910, 36.3878, -144.8725



176.4070, 38.7463, -154.7089



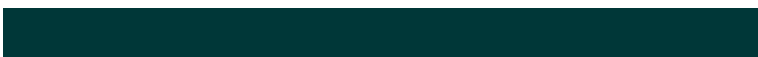
95.3380, 70.8254, -83.6114



116.4120, 1.7689, -7.3773



127.2230, 27.9911, -111.5746



38.6690, 8.5442, -33.9127

Previews

White Background



This preview shows how the YUV color 73.8090, -36.3878, 144.8725 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



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 73.8090, -36.3878, 144.8725

Background



This preview shows how black text looks on a background with the YUV color 73.8090, -36.3878, 144.8725.



This preview shows how white text looks on a background with the YUV color 73.8090, -36.3878,

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

73.8090, -36.3878, 144.8725

Protanopia

114.9260, -41.3755, 17.6049

Deuteranopia

112.9530, -55.6858, 34.2442



Tritanopia

83.7770, -41.3021, 134.3766

Trichromacy



Original Color

73.8090, -36.3878, 144.8725

Protanomaly

99.7930, -39.3379, 64.2025

Deuteranomaly

99.0410, -48.8272, 74.5090

Tritanomaly

79.9670, -39.4237, 138.5949

Monochromacy



Original Color

73.8090, -36.3878, 144.8725

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.1870, -13.4032, 52.4560

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.8090, -36.3878, 144.8725 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, 4, 0)` looks like.

```
.text, #text, p{  
    color:rgb(239, 4, 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, 4, 0) colored shadow looks like.

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

Border

The CSS property to change the border of an element to YUV 73.8090, -36.3878, 144.8725 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, 4, 0) }
```


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

```
.border{ border-color:rgb(239, 4, 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, 4, 0)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to YUV 73.8090, -36.3878, 144.8725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 4, 0) }
```

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

```
.background{ background-color: rgb(239, 4,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor