

# Converting Colors

YUV(73.0740, -14.8265,  
135.8701)

Have a look what the booklet for  
YUV(73.0740, -14.8265, 135.8701)  
contains.

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# Color

**YUV(73.0740, -14.8265,  
135.8701)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4002B
RGB	228, 0, 43
RGB Percent	89%, 0%, 17%
CMY	0.1059, 1.0000, 0.8314
CMYK	0.00, 1.00, 0.81, 0.11
HSL	349°, 100%, 45%
HSV	349°, 100%, 89%
XYZ	32.4310, 16.6684, 3.7935
YIQ	73.0740, 122.0850, 61.7090

# Conversions

## Conversions Part 2

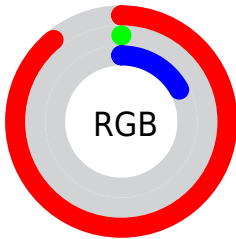
<b>Format</b>	<b>Color</b>
<b>RYB</b>	228, 0, 43
Decimal	14942251
CIELab	47.84, 74.22, 44.75
CIELCh	48, 86.665, 31.085
Yxy	16.6684, 0.6131, 0.3151
Android (android.graphics.Color)	4293132331 (0xFFE4002B)
YUV	73.0740, -14.8265, 135.8701
Hunter-Lab	40.8270, 70.3446, 23.0698

# Details

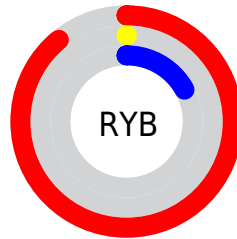
The YUV color **73.0740, -14.8265, 135.8701** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **154.9260, 14.8265, -135.8701**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.8080, -25.0483, 101.0234**, and **48.7370, -24.0273, 100.2087** is the 20% darker color. If you saturate the color by 10%, you get **73.0740, -14.8265, 135.8701**, and if you desaturate by 10%, it is **88.7410, -13.1833, 122.1301**.

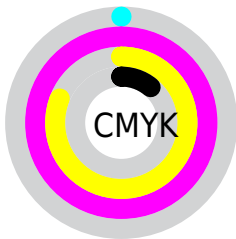
# Distribution



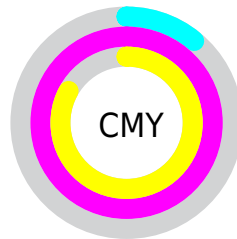
- Red (89%)
- Green (0%)
- Blue (17%)



- Red (89%)
- Yellow (0%)
- Blue (17%)



- Cyan (0%)
- Magenta (100%)
- Yellow (81%)
- Black (11%)




- Cyan (11%)
- Magenta (100%)
- Yellow (83%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 73.0740, -14.8265, 135.8701 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 73.0740, -14.8265, 135.8701 by changing the saturation by 10% instead.




 73.0740, -14.8265,  
135.8701


 73.0740, -14.8265,  
135.8701


255.0000, 0.0000,  
0.0000


 60.8130, -19.1348,  
117.6820


 139.8080,  
-25.0483, 101.0234


 48.7370, -24.0273,  
100.2087


 160.8550,  
-23.0995, 82.5652


 38.8700, -19.1629,  
79.9210


 181.4290,  
-20.4245, 64.5218

 29.5300, -13.5723,  
60.0482

 201.5300,  
-17.0233, 46.8932

 20.9730, -8.8607,  
42.1197

 222.2180,  
-13.9115, 28.7498

 10.8780, -4.8699,  
22.0320

 243.6070,

 0.0000, 0.0000,

-10.6523, 9.9917

0.0000

254.5440, -1.7472,  
0.3999

■ 73.0740, -14.8265,  
135.8701

■ 88.7410, -13.1833,  
122.1301

■ 104.2940,  
-11.9769, 108.4902

■ 119.3740,  
-10.0444, 95.2650

■ 134.9270, -8.8380,  
81.6250

■ 150.5940, -7.1948,  
67.8851

■ 166.1470, -5.9885,  
54.2451

■ 181.8140, -4.3453,  
40.5051

■ 196.7800, -2.8495,  
27.3799

■ 212.4470, -1.2064,  
13.6400

# Harmonies

## Analogous

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



82.9620, 15.3017, 132.4603



73.0740, -14.8265, 135.8701



103.7810, -51.1640, 77.3681

# Triad

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



73.0740, -14.8265, 135.8701



84.7680, -25.5216, -74.3415



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.



73.0740, -14.8265, 135.8701



154.9260, 14.8265, -135.8701

# 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.



108.7080, 66.2060, -95.3369



73.0740, -14.8265, 135.8701



96.3500, 8.7015, -84.4989

# Square

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



73.0740, -14.8265, 135.8701



93.6520, -46.1704, -31.2668



105.3730, 40.7351, -92.4121



111.0790, 64.0511, -10.5933



# Rectangle

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



73.0740, -14.8265, 135.8701



107.4040, -52.9502, 43.4957



105.3730, 40.7351, -92.4121



105.3800, 73.7627, -92.4183

# Sweetspot

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



73.0740, -14.8265, 135.8701



203.3200, -5.0878, 45.3234



80.4100, 72.7619, 89.0944



96.6660, -3.2863, 27.4799



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.



73.0740, -14.8265, 135.8701



81.7170, -16.6225, 151.9692



108.0880, -53.2874, 105.1628



106.8160, -0.8953, 7.1774



57.3970, -11.5347, 106.6458



16.3890, -3.1498, 30.3538



# Inverse Universe

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



73.0740, -14.8265, 135.8701



81.7170, -16.6225, 151.9692



119.9120, 53.2874, -105.1628



106.8160, -0.8953, 7.1774



57.3970, -11.5347, 106.6458



16.3890, -3.1498, 30.3538



# Previews

## White Background



This preview shows how the YUV color 73.0740, -14.8265, 135.8701 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

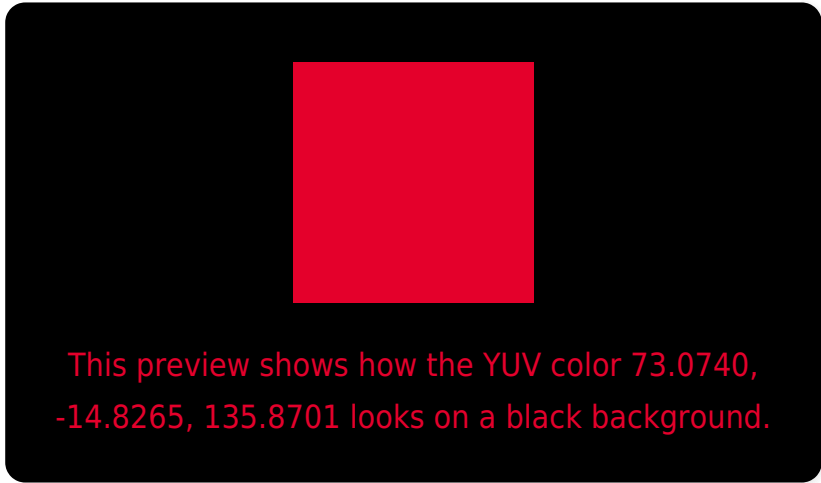
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



## 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 73.0740, -14.8265, 135.8701

## Background



This preview shows how black text looks on a background with the YUV color 73.0740, -14.8265, 135.8701.



This preview shows how white text looks on a background with the YUV color 73.0740, -14.8265,



# 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

73.0740, -14.8265, 135.8701

### Protanopia

113.1160, -22.7352, 12.1763

### Deuteranopia

110.6610, -42.7239, 30.1153



## Tritanopia

79.6130, -39.2492, 129.2584

# Trichromacy



## Original Color

73.0740, -14.8265, 135.8701

## Protanomaly

98.4990, -19.9660, 57.4444

## Deuteranomaly

96.9490, -32.5129, 68.4507

## Tritanomaly

77.3280, -30.2347, 131.2623

# Monochromacy



## Original Color

73.0740, -14.8265, 135.8701

## Achromatopsia

73.0000, 0.0000, 0.0000

## Achromatomaly

72.6410, -5.2460, 49.4268

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 73.0740, -14.8265, 135.8701 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(228, 0, 43)` looks like.

```
.text, #text, p{  
    color:rgb(228, 0, 43)  
}
```

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(228, 0, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 0, 43) }
```

## Border

The CSS property to change the border of an element to YUV 73.0740, -14.8265, 135.8701 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(228, 0, 43) }
```



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

```
.border{ border-color:rgb(228, 0, 43) }
```

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

Here you see how a box with a 4 pixel rgb(228, 0, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 0, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 0, 43);  
box-shadow:4px 4px 4px 4px rgb(228, 0, 43)  
}
```

# Background

The CSS property to change the background color of an element to YUV 73.0740, -14.8265, 135.8701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 0, 43) }
```

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

```
.background{ background-color: rgb(228, 0,  
43) }
```

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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