

# Converting Colors

YUV(76.1450, -36.0605,  
133.1768)

Have a look what the booklet for  
YUV(76.1450, -36.0605, 133.1768)  
contains.

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# Color

**YUV(76.1450, -36.0605,  
133.1768)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E40D03
RGB	228, 13, 3
RGB Percent	89%, 5%, 1%
CMY	0.1059, 0.9490, 0.9882
CMYK	0.00, 0.94, 0.99, 0.11
HSL	3°, 97%, 45%
HSV	3°, 99%, 89%
XYZ	32.1553, 16.7884, 1.6319
YIQ	76.1450, 131.3500, 42.4700

# Conversions

## Conversions Part 2

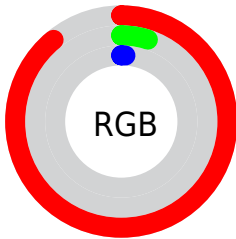
Format	Color
<a href="#">RYB</a>	<a href="#">228, 13, 3</a>
Decimal	<a href="#">14945539</a>
CIELab	<a href="#">47.99, 72.57, 61.02</a>
CIELCh	<a href="#">48, 94.814, 40.060</a>
Yxy	<a href="#">16.7884, 0.6358, 0.3319</a>
Android (android.graphics.Color)	<a href="#">4293135619</a> ( <a href="#">0xFFE40D03</a> )
YUV	<a href="#">76.1450, -36.0605, 133.1768</a>
Hunter-Lab	<a href="#">40.9737, 68.3792, 26.3202</a>

# Details

The YUV color **76.1450, -36.0605, 133.1768** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **154.8550, 36.0605, -133.1768**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.4480, -39.1679, 103.0931**, and **48.4380, -23.8799, 99.5939** is the 20% darker color. If you saturate the color by 10%, you get **74.0420, -36.5027, 135.0212**, and if you desaturate by 10%, it is **91.6810, -32.3807, 119.5518**.

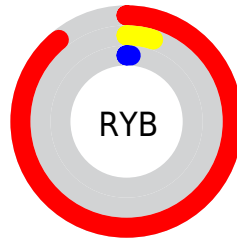
# Distribution



Red (89%)

Green (5%)

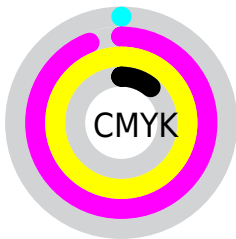
Blue (1%)



Red (89%)

Yellow (5%)

Blue (1%)

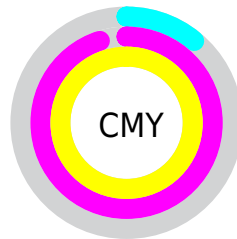


Cyan (0%)

Magenta (94%)

Yellow (99%)

Black (11%)



Cyan (11%)

Magenta (95%)


Yellow (99%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 76.1450, -36.0605, 133.1768 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 76.1450, -36.0605, 133.1768 by changing the saturation by 10% instead.




 76.1450, -36.0605,  
133.1768

 76.1450, -36.0605,  
133.1768


 253.9740, -3.9312,  
0.8998

 58.3050, -28.7444,  
119.8815


 137.4480,  
-39.1679, 103.0931

 48.4380, -23.8799,  
99.5939


 158.4950,  
-37.2190, 84.6349


 38.5710, -19.0155,  
79.3062


 178.3680,  
-34.6914, 67.2063

 29.2310, -13.4249,  
59.4334

 199.0560,  
-31.5796, 49.0629

 20.6740, -8.7133,  
41.5049

 219.6300,  
-28.9046, 31.0195


 10.5790, -4.7224,  
21.4172

 240.4320,


 0.0000, 0.0000,


-25.3560, 12.7761


0.0000


 250.6680,  
-16.5983, 3.7992


 76.1450, -36.0605,  
133.1768


 76.1450, -36.0605,  
133.1768


 74.0420, -36.5027,  
135.0212

 91.6810, -32.3807,  
119.5518

 107.2170,  
-28.7010, 105.9267

 122.0520,  
-25.1686, 92.9164

 137.5880,  
-21.4889, 79.2913

 153.1240,  
-17.8091, 65.6663

■ 168.6600,  
-14.1294, 52.0412

■ 184.1960,  
-10.4496, 38.4161

■ 199.0310, -6.9173,  
25.4058

■ 214.5670, -3.2375,  
11.7807

# Harmonies

## Analogous

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



84.2270, 3.3391, 142.7519



76.1450, -36.0605, 133.1768



106.3620, -52.4365, 65.4575

# Triad

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



76.1450, -36.0605, 133.1768



89.5100, -17.5064, -78.5003



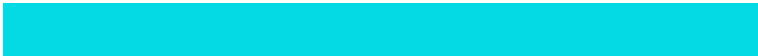
97.7490, 77.5247, -85.7259

# Complementary

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



76.1450, -36.0605, 133.1768



154.8550, 36.0605, -133.1768

# 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.



110.0760, 71.4475, -96.5367



76.1450, -36.0605, 133.1768



101.0750, 19.1900, -88.6428

# Square

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



76.1450, -36.0605, 133.1768



79.2450, -39.0678, -69.4979



109.8530, 52.8235, -96.3411



113.1420, 62.0480, 25.3085



# Rectangle

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



76.1450, -36.0605, 133.1768



106.7180, -52.6120, 28.3113



109.8530, 52.8235, -96.3411



103.0320, 74.9202, -90.3591

# Sweetspot

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



76.1450, -36.0605, 133.1768



203.4850, -12.0711, 45.1787



95.1270, 62.0554, 116.5296



96.9280, -7.3595, 27.2501



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.



76.1450, -36.0605, 133.1768



82.7020, -40.7721, 151.1053



140.7150, -67.8935, 76.5489



107.1750, -2.0583, 6.8625



58.2170, -28.7010, 105.9267



16.4230, -8.0965, 30.3240



# Inverse Universe

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



154.8550, 36.0605, -133.1768



172.2980, 40.7721, -151.1053



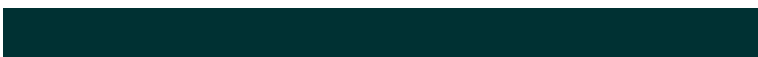
90.2850, 67.8935, -76.5489



110.8250, 2.0583, -6.8625



120.7830, 28.7010, -105.9267



34.5770, 8.0965, -30.3240



# Previews

## White Background



This preview shows how the YUV color 76.1450, -36.0605, 133.1768 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 76.1450, -36.0605, 133.1768

## Background



This preview shows how black text looks on a background with the YUV color 76.1450, -36.0605, 133.1768.



This preview shows how white text looks on a background with the YUV color 76.1450, -36.0605,



# 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

76.1450, -36.0605, 133.1768

### Protanopia

110.3820, -39.6283, 17.2050

### Deuteranopia

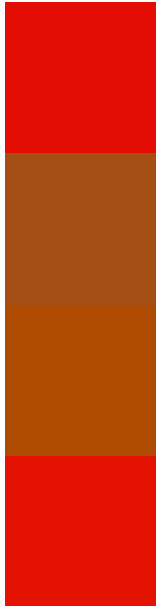
107.9250, -53.2070, 32.5148



## Tritanopia

80.2000, -39.5386, 128.7436

# Trichromacy



## Original Color

76.1450, -36.0605, 133.1768

## Protanomaly

98.2870, -38.5955, 59.3843

## Deuteranomaly

96.4640, -47.0638, 68.8761

## Tritanomaly

78.5530, -38.2336, 130.1880

# Monochromacy



## Original Color

76.1450, -36.0605, 133.1768

## Achromatopsia

76.0000, 0.0000, 0.0000

## Achromatomaly

75.8660, -13.2449, 48.3525

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 76.1450, -36.0605, 133.1768 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, 13, 3)` looks like.

```
.text, #text, p{  
    color:rgb(228, 13, 3)  
}
```

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, 13, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 13, 3) }
```

## Border

The CSS property to change the border of an element to YUV 76.1450, -36.0605, 133.1768 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, 13, 3) }
```



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

```
.border{ border-color:rgb(228, 13, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 13, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 13, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 13, 3);  
box-shadow:4px 4px 4px 4px rgb(228, 13, 3)  
}
```

# Background

The CSS property to change the background color of an element to YUV 76.1450, -36.0605, 133.1768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 13, 3) }
```

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

```
.background{ background-color: rgb(228, 13,  
3) }
```

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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