

# Converting Colors

YUV(74.2750, -36.6176,  
125.1698)

Have a look what the booklet for  
YUV(74.2750, -36.6176, 125.1698)  
contains.

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# Color

**YUV(74.2750, -36.6176,  
125.1698)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D91000
RGB	217, 16, 0
RGB Percent	85%, 6%, 0%
CMY	0.1490, 0.9373, 1.0000
CMYK	0.00, 0.93, 1.00, 0.15
HSL	4°, 100%, 43%
HSV	4°, 100%, 85%
XYZ	28.8006, 15.1223, 1.4009
YIQ	74.2750, 124.9320, 37.6360

# Conversions

## Conversions Part 2

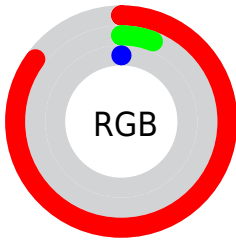
Format	Color
<a href="#">RYB</a>	217, 17, 0
Decimal	14225408
CIELab	45.80, 69.45, 59.69
CIElCh	46, 91.575, 40.678
Yxy	15.1223, 0.6354, 0.3337
Android (android.graphics.Color)	4292415488 (0xFFD91000)
YUV	74.2750, -36.6176, 125.1698
Hunter-Lab	38.8874, 64.1467, 25.0852

# Details

The YUV color **74.2750, -36.6176, 125.1698** 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 **142.7250, 36.6176, -125.1698**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.5190, -40.1889, 103.9078**, and **45.1490, -22.2585, 92.8313** is the 20% darker color. If you saturate the color by 10%, you get **74.2750, -36.6176, 125.1698**, and if you desaturate by 10%, it is **88.5230, -32.7958, 112.6743**.

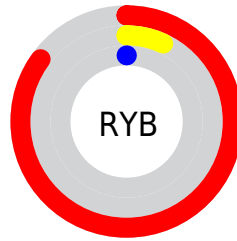
# Distribution



Red (85%)

Green (6%)

Blue (0%)



Red (85%)

Yellow (7%)

Blue (0%)

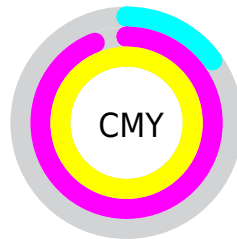


Cyan (0%)

Magenta (93%)

Yellow (100%)

Black (15%)



Cyan (15%)

Magenta (94%)


Yellow (100%)


# Brightness & Saturation Gradients


These gradients show how the YUV color 74.2750, -36.6176, 125.1698 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 74.2750, -36.6176, 125.1698 by changing the saturation by 10% instead.





 74.2750, -36.6176,  
125.1698


 74.2750, -36.6176,  
125.1698


 253.5180, -5.6784,  
1.2997

 55.0160, -27.1229,  
113.1190


 136.5190,  
-40.1889, 103.9078

 45.1490, -22.2585,  
92.8313


 156.9790,  
-37.9506, 85.9644


 35.5810, -17.5414,  
73.1585


 176.8520,  
-35.4230, 68.5358

 26.5400, -12.0982,  
53.9004

 196.8390,  
-32.4586, 51.0072

 17.5700, -7.6760,  
35.4571

 217.5270,  
-29.3468, 32.8638


 5.6810, -2.8007,  
11.6808


 238.2150,


 0.0000, 0.0000,


-26.2350, 14.7204


0.0000


 250.2120,  
-18.3455, 4.1991

 74.2750, -36.6176,  
125.1698

 88.5230, -32.7958,  
112.6743

 102.6570,  
-29.4109, 100.2788

 116.9050,  
-25.5892, 87.7833

 131.1530,  
-21.7674, 75.2878

 145.9880,  
-18.2351, 62.2775

■ 160.1220,  
-14.8501, 49.8820

■ 174.3700,  
-11.0284, 37.3865

■ 188.6180, -7.2067,  
24.8910

■ 202.7520, -3.8217,  
12.4955

# Harmonies

## Analogous

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



79.9550, 2.4872, 135.9745



74.2750, -36.6176, 125.1698



101.3230, -49.9522, 61.9837

# Triad

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



74.2750, -36.6176, 125.1698



85.2870, -15.9175, -74.7967



94.2270, 79.2611, -82.6371

# Complementary

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



74.2750, -36.6176, 125.1698



142.7250, 36.6176, -125.1698

# 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.



105.9670, 73.4733, -92.9331



74.2750, -36.6176, 125.1698



96.3960, 19.0318, -84.5393

# Square

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



74.2750, -36.6176, 125.1698



75.7230, -37.3314, -66.4091



104.7180, 50.9180, -91.8377



107.3440, 58.9904, 26.0083



# Rectangle

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



74.2750, -36.6176, 125.1698



101.9780, -50.2752, 25.4523



104.7180, 50.9180, -91.8377



99.5100, 76.6566, -87.2703

# Sweetspot

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



74.2750, -36.6176, 125.1698



204.6590, -12.6499, 44.1491



88.0250, 56.6827, 113.1111



97.5150, -7.6489, 26.7353



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.



74.2750, -36.6176, 125.1698



87.3980, -43.0872, 146.9870



137.0840, -67.5824, 70.0863



102.2890, -1.6215, 6.7625



59.3580, -29.2635, 99.6640



15.5150, -7.6489, 26.7353



# Inverse Universe

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



142.7250, 36.6176, -125.1698



167.6020, 43.0872, -146.9870



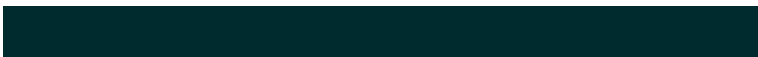
79.9160, 67.5824, -70.0863



106.1240, 1.9109, -6.2477



114.2290, 28.9741, -100.1788



30.4850, 7.6489, -26.7353



# Previews

## White Background



This preview shows how the YUV color 74.2750, -36.6176, 125.1698 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 74.2750, -36.6176, 125.1698 looks on a 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 74.2750, -36.6176, 125.1698

## Background



This preview shows how black text looks on a background with the YUV color 74.2750, -36.6176, 125.1698.



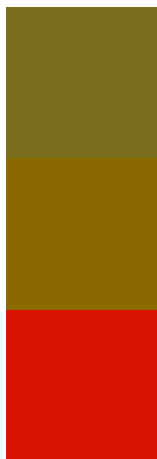
This preview shows how white text looks on a background with the YUV color 74.2750, -36.6176,



# 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

104.8380, -37.8811, 16.8051

### Deuteranopia

102.6090, -50.5862, 31.9149

### Tritanopia

75.7370, -37.3383, 123.0107

# Trichromacy



## Protanomaly

93.9060, -37.4217, 56.2104

## Deuteranomaly

92.1970, -45.4531, 65.6022

## Tritanomaly

75.1500, -37.0490, 123.5254

# Monochromacy



## Achromatopsia

74.0000, 0.0000, 0.0000

## Achromatomaly

74.1430, -13.3815, 45.4786

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 74.2750, -36.6176, 125.1698 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(217, 16, 0)` looks like.

```
.text, #text, p{  
    color:rgb(217, 16, 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(217, 16, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 16, 0) }
```

## Border

The CSS property to change the border of an element to YUV 74.2750, -36.6176, 125.1698 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(217, 16, 0) }
```

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

```
.border{ border-color:rgb(217, 16, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 16, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 16, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 16, 0);  
box-shadow:4px 4px 4px 4px rgb(217, 16, 0)  
}
```



# Background

The CSS property to change the background color of an element to YUV 74.2750, -36.6176, 125.1698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 16, 0) }
```

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

```
.background{ background-color: rgb(217, 16,  
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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