

# Converting Colors

YUV(37.0760, -18.2785,  
76.2323)

Have a look what the booklet for  
YUV(37.0760, -18.2785, 76.2323)  
contains.

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# Color

**YUV(37.0760, -18.2785,  
76.2323)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7C0000
RGB	124, 0, 0
RGB Percent	49%, 0%, 0%
CMY	0.5137, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.51
HSL	0°, 100%, 24%
HSV	0°, 100%, 49%
XYZ	8.3122, 4.2851, 0.3890
YIQ	37.0760, 73.9040, 26.2880

# Conversions

## Conversions Part 2

Format	Color
<a href="#">RYB</a>	<a href="#">124, 0, 0</a>
Decimal	<a href="#">8126464</a>
CIELab	<a href="#">24.59, 46.97, 36.84</a>
CIELCh	<a href="#">25, 59.691, 38.106</a>
Yxy	<a href="#">4.2851, 0.6401, 0.3300</a>
Android (android.graphics.Color)	<a href="#">4286316544 (0xFF7C0000)</a>
YUV	<a href="#">37.0760, -18.2785, 76.2323</a>
Hunter-Lab	<a href="#">20.7004, 35.4502, 13.3761</a>

# Details

The YUV color **37.0760, -18.2785, 76.2323** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **86.9240, 18.2785, -76.2323**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.4150, -25.8406, 75.0580**, and **19.7340, -9.7289, 40.5753** is the 20% darker color. If you saturate the color by 10%, you get **37.0760, -18.2785, 76.2323**, and if you desaturate by 10%, it is **45.4880, -16.5096, 68.8550**.

# Distribution



Red (49%)

Green (0%)

Blue (0%)



Red (49%)

Yellow (0%)

Blue (0%)



Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (51%)



Cyan (51%)

Magenta (100%)


Yellow (100%)


# Brightness & Saturation Gradients


These gradients show how the YUV color 37.0760, -18.2785, 76.2323 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 37.0760, -18.2785, 76.2323 by changing the saturation by 10% instead.





 37.0760, -18.2785,  
76.2323


 37.0760, -18.2785,  
76.2323


 251.8080,  
-12.2303, 2.7994

 28.1060, -13.8563,  
57.7890

 98.4150, -25.8406,  
75.0580


 19.7340, -9.7289,  
40.5753


 126.1550,  
-28.1774, 77.9171

 11.1770, -5.0173,  
22.6468

 154.1230,  
-29.6406, 80.5761


 0.0000, 0.0000,  
0.0000


 175.5130,  
-27.8609, 69.7101


 194.2120,  
-24.7545, 53.3111


 214.3130,


-21.3533, 35.6825


 233.9410,  
-17.2259, 18.4687


 37.0760, -18.2785,  
76.2323

 45.4880, -16.5096,  
68.8550

 54.6010, -14.5933,  
60.8629

 63.0130, -12.8244,  
53.4856

 72.1260, -10.9081,  
45.4935

 80.5380, -9.1392,  
38.1162

■ 88.9500, -7.3703,  
30.7389

■ 98.0630, -5.4541,  
22.7467

■ 106.4750, -3.6852,  
15.3694

■ 115.5880, -1.7689,  
7.3773

# Harmonies

## Analogous

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



45.3530, 1.7980, 76.8664



37.0760, -18.2785, 76.2323



54.5430, -26.8897, 38.1118

# Triad

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



37.0760, -18.2785, 76.2323



45.8320, -12.2422, -40.1947



52.9070, 47.8668, -46.3994

# Complementary

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



37.0760, -18.2785, 76.2323



86.9240, 18.2785, -76.2323

# 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.



58.5660, 41.6260, -51.3624



37.0760, -18.2785, 76.2323



52.5920, 8.5821, -46.1232

# Square

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



37.0760, -18.2785, 76.2323



41.0900, -20.2574, -36.0359



57.6080, 27.8013, -50.5222



57.8710, 36.0526, 9.7601



# Rectangle

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



37.0760, -18.2785, 76.2323



55.2970, -27.2614, 17.2795



57.6080, 27.8013, -50.5222



55.8420, 46.4199, -48.9734

# Sweetspot

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



37.0760, -18.2785, 76.2323



126.6510, -7.2229, 30.1241



51.2120, 35.8845, 63.8351



60.9700, -4.4222, 18.4433



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.0760, -18.2785, 76.2323



48.1390, -23.7325, 98.9791



73.4700, -36.2207, 44.3148



56.7940, -0.8844, 3.6887



37.3750, -18.4259, 76.8471



75.3480, -37.1466, 154.9238



# Inverse Universe

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



86.9240, 18.2785, -76.2323



112.8610, 23.7325, -98.9791



50.5300, 36.2207, -44.3148



59.2060, 0.8844, -3.6887



87.6250, 18.4259, -76.8471

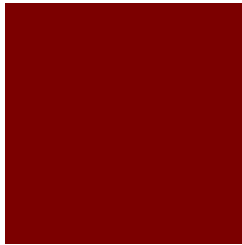


176.6520, 37.1466, -154.9238



# Previews

## White Background



This preview shows how the YUV color 37.0760, -18.2785, 76.2323 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 ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

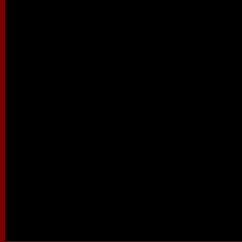
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 37.0760, -18.2785, 76.2323

## Background



This preview shows how black text looks on a background with the YUV color 37.0760, -18.2785, 76.2323.



This preview shows how white text looks on a background with the YUV color 37.0760, -18.2785,



# 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

59.7350, -21.5614, 9.0024

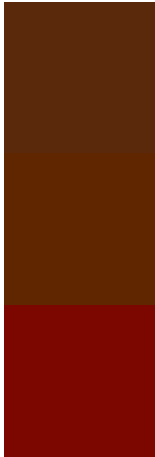
### Deuteranopia

58.2540, -28.7192, 18.1942

### Tritanopia

43.2340, -21.3144, 69.9548

# Trichromacy



## Protanomaly

51.5300, -20.4743, 33.7382

## Deuteranomaly

50.7110, -25.0005, 38.8415

## Tritanomaly

40.8860, -20.1568, 72.0140

# Monochromacy



## Achromatopsia

37.0000, 0.0000, 0.0000

## Achromatomaly

37.4550, -6.6333, 27.6650

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 37.0760, -18.2785, 76.2323 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(124, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(124, 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(124, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 0, 0) }
```

## Border

The CSS property to change the border of an element to YUV 37.0760, -18.2785, 76.2323 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(124, 0, 0) }
```

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

```
.border{ border-color:rgb(124, 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(124, 0, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(124, 0, 0); box-shadow:4px  
4px 4px 4px rgb(124, 0, 0) }
```



# Background

The CSS property to change the background color of an element to YUV 37.0760, -18.2785, 76.2323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 0, 0) }
```

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

```
.background{ background-color: rgb(124, 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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