

Converting Colors

YUV(37.3750, -18.4259,
76.8471)

Have a look what the booklet for
YUV(37.3750, -18.4259, 76.8471)
contains.

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Color

**YUV(37.3750, -18.4259,
76.8471)**

Conversions

Conversions Part 1

Format	Color
Hex	7D0000
RGB	125, 0, 0
RGB Percent	49%, 0%, 0%
CMY	0.5098, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.51
HSL	0°, 100%, 25%
HSV	0°, 100%, 49%
XYZ	8.4574, 4.3600, 0.3958
YIQ	37.3750, 74.5000, 26.5000

Conversions

Conversions Part 2

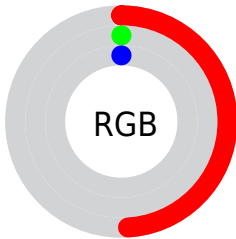
Format	Color
R_{YB}	125, 0, 0
Decimal	8192000
CIE Lab	24.83, 47.24, 37.14
CIE LCh	25, 60.096, 38.177
Yxy	4.3600, 0.6401, 0.3300
Android (android.graphics.Color)	4286382080 (0xFF7D0000)
YUV	37.3750, -18.4259, 76.8471
Hunter-Lab	20.8806, 35.7586, 13.4925

Details

The YUV color **37.3750, -18.4259, 76.8471** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **87.6250, 18.4259, -76.8471**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.3010, -26.2774, 75.1580**, and **19.7340, -9.7289, 40.5753** is the 20% darker color. If you saturate the color by 10%, you get **37.3750, -18.4259, 76.8471**, and if you desaturate by 10%, it is **45.7870, -16.6570, 69.4698**.

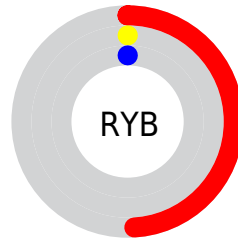
Distribution



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 37.3750, -18.4259, 76.8471 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 37.3750, -18.4259, 76.8471 by changing the saturation by 10% instead.


 37.3750, -18.4259,
76.8471


 37.3750, -18.4259,
76.8471


 251.8080,
-12.2303, 2.7994

 28.4050, -14.0037,
58.4038

 99.3010, -26.2774,
75.1580


 19.7340, -9.7289,
40.5753


 126.5680,
-27.8880, 78.4319

 11.4760, -5.1647,
23.2615

 154.4220,
-29.7880, 81.1909


 0.0000, 0.0000,
0.0000


 175.5130,
-27.8609, 69.7101


 194.7990,
-25.0439, 52.7963


 214.3130,


-21.3533, 35.6825


 234.5280,
-17.5153, 17.9539


 37.3750, -18.4259,
76.8471

 45.7870, -16.6570,
69.4698

 54.9000, -14.7407,
61.4777

 64.0130, -12.8244,
53.4856

 72.4250, -11.0555,
46.1083

 81.5380, -9.1392,
38.1162

■ 89.9500, -7.3704,
30.7388

■ 98.3620, -5.6015,
23.3615

■ 107.4750, -3.6852,
15.3694

■ 116.5880, -1.7689,
7.3773

Harmonies

Analogous

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



45.6520, 1.6506, 77.4812



37.3750, -18.4259, 76.8471



54.8420, -27.0371, 38.7266

Triad

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



37.3750, -18.4259, 76.8471



46.5330, -12.0948, -40.8094



53.6080, 48.0143, -47.0142

Complementary

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



37.3750, -18.4259, 76.8471



87.6250, 18.4259, -76.8471

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.



59.3810, 42.2102, -52.0771



37.3750, -18.4259, 76.8471



52.7060, 9.0189, -46.2232

Square

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



37.3750, -18.4259, 76.8471



41.0900, -20.2574, -36.0359



57.7220, 28.2381, -50.6222



58.2840, 36.3420, 10.2749

Rectangle

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



37.3750, -18.4259, 76.8471



56.1830, -27.6982, 17.3795



57.7220, 28.2381, -50.6222



56.6570, 47.0041, -49.6882

Sweetspot

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



37.3750, -18.4259, 76.8471



128.6510, -7.2229, 30.1241



51.6250, 36.1739, 64.3499



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.



37.3750, -18.4259, 76.8471



48.7370, -24.0273, 100.2087



74.3560, -36.6575, 44.4148



59.0930, -1.0318, 4.3034



38.2720, -18.8681, 78.6915



0.0000, 0.0000, 0.0000

Inverse Universe

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



87.6250, 18.4259, -76.8471



114.2630, 24.0273, -100.2087



51.2310, 36.3681, -44.9296



61.9070, 1.0318, -4.3034



89.7280, 18.8681, -78.6915



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 37.3750, -18.4259, 76.8471 looks on a white background.

Color Contrast Check

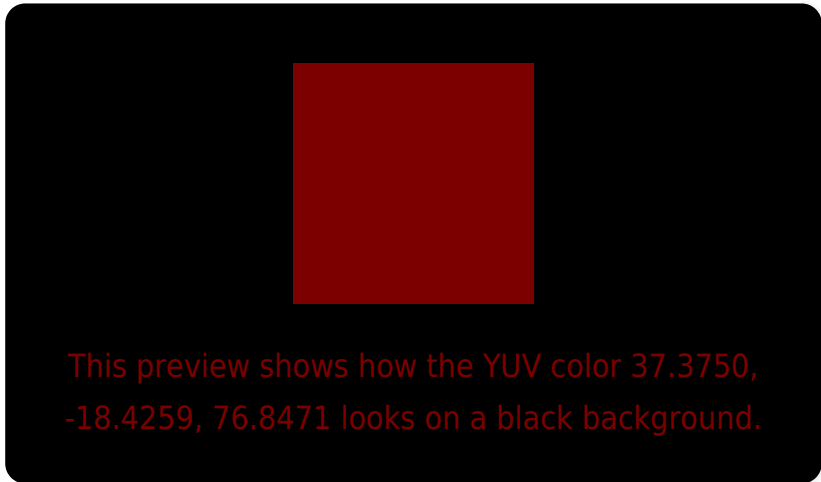
Large Text (above 18pt) WCAG AA ✓ Pass

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

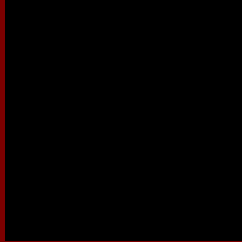
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.3750, -18.4259, 76.8471

Background



This preview shows how black text looks on a background with the YUV color 37.3750, -18.4259, 76.8471.



This preview shows how white text looks on a background with the YUV color 37.3750, -18.4259,

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

60.0340, -21.7088, 9.6172

Deuteranopia

58.8410, -29.0086, 17.6794

Tritanopia

44.1200, -21.7512, 70.0548

Trichromacy



Protanomaly

51.8290, -20.6217, 34.3530

Deuteranomaly

51.0100, -25.1479, 39.4562

Tritanomaly

41.7720, -20.5936, 72.1140

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 37.3750, -18.4259, 76.8471 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(125, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(125, 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(125, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 0, 0) }
```

Border

The CSS property to change the border of an element to YUV 37.3750, -18.4259, 76.8471 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(125, 0, 0) }
```

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

```
.border{ border-color:rgb(125, 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(125, 0, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(125, 0, 0); box-shadow:4px  
4px 4px 4px rgb(125, 0, 0) }
```


Background

The CSS property to change the background color of an element to YUV 37.3750, -18.4259, 76.8471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 0, 0) }
```

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

```
.background{ background-color: rgb(125, 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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