

Converting Colors

YUV(76.2950, -37.6134,
24.2973)

Have a look what the booklet for
YUV(76.2950, -37.6134, 24.2973)
contains.

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Color

**YUV(76.2950, -37.6134,
24.2973)**

Conversions

Conversions Part 1

Format	Color
Hex	684D00
RGB	104, 77, 0
RGB Percent	41%, 30%, 0%
CMY	0.5922, 0.6980, 1.0000
CMYK	0.00, 0.26, 1.00, 0.59
HSL	44°, 100%, 20%
HSV	44°, 100%, 41%
XYZ	8.3628, 8.2508, 1.1518
YIQ	76.2950, 40.8090, -18.2230

Conversions

Conversions Part 2

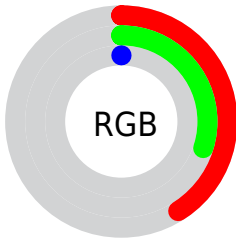
Format	Color
R_{YB}	36, 104, 0
Decimal	6835456
CIE _{Lab}	34.50, 4.71, 43.16
CIE _{LCh}	34, 43.422, 83.767
Yxy	8.2508, 0.4707, 0.4644
Android (android.graphics.Color)	4285025536 (0xFF684D00)
YUV	76.2950, -37.6134, 24.2973
Hunter-Lab	28.7242, 1.7013, 17.7295

Details

The YUV color **76.2950, -37.6134, 24.2973** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **27.7050, 37.6134, -24.2973**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.5450, -36.7507, 27.5860**, and **34.9190, -17.2151, 14.9800** is the 20% darker color. If you saturate the color by 10%, you get **76.2950, -37.6134, 24.2973**, and if you desaturate by 10%, it is **79.1960, -34.1136, 21.7531**.

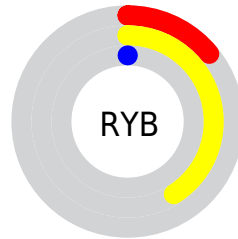
Distribution



Red (41%)

Green (30%)

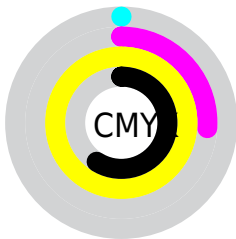
Blue (0%)



Red (14%)

Yellow (41%)

Blue (0%)

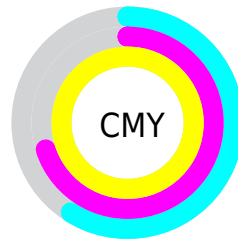


Cyan (0%)

Magenta (26%)

Yellow (100%)

Black (59%)



Cyan (59%)

Magenta (70%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.2950, -37.6134, 24.2973 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 76.2950, -37.6134, 24.2973 by changing the saturation by 10% instead.

76.2950, -37.6134,
24.2973

76.2950, -37.6134,
24.2973

253.2900, -6.5520,
1.4997

55.0200, -27.1249,
20.1535

127.5450,
-36.7507, 27.5860

34.9190, -17.2151,
14.9800

153.4420,
-37.1929, 29.4304

15.4160, -7.6001,
11.0362

180.8120,
-38.3613, 30.8599

0.0000, 0.0000,
0.0000


208.5950,
-39.2403, 32.8042


231.3870,
-37.1658, 20.7086


246.7920,


-31.4495, 7.1984


 249.9840,
-19.2191, 4.3990


 76.2950, -37.6134,
24.2973

 79.1960, -34.1136,
21.7531

 81.6240, -29.8876,
19.6238

 84.5250, -26.3878,
17.0796

 87.5400, -22.4512,
14.4354

 90.4410, -18.9514,
11.8912

■ 92.7550, -15.1622,
9.8619

■ 95.7700, -11.2256,
7.2177

■ 98.6710, -7.7258,
4.6735

■ 101.0990, -3.4998,
2.5442

Harmonies

Analogous

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



78.4020, -26.3272, 44.3744



76.2950, -37.6134, 24.2973



72.9820, -33.0221, -1.7382

Triad

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



76.2950, -37.6134, 24.2973



69.2510, 19.1033, -60.7331



83.2250, 19.1161, 28.7437

Complementary

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



76.2950, -37.6134, 24.2973



27.7050, 37.6134, -24.2973

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.



80.2890, 31.9025, -12.5315



76.2950, -37.6134, 24.2973



70.6820, 32.2018, -61.9881

Square

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



76.2950, -37.6134, 24.2973



65.2610, 3.8153, -57.2339



68.1690, 40.3427, -59.7842



79.4100, 5.2209, 52.2604

Rectangle

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



76.2950, -37.6134, 24.2973



69.9390, -21.1689, -23.6255



68.1690, 40.3427, -59.7842



83.8860, 23.2272, 16.7630

Sweetspot

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



76.2950, -37.6134, 24.2973



124.5700, -14.5780, 9.1471



34.2880, -3.1000, 61.1374



62.0410, -8.8942, 6.1030



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



76.2950, -37.6134, 24.2973



99.0650, -48.8390, 31.5150



84.9680, -41.8892, -4.3569



49.8430, -1.8946, 1.0147



84.2800, -41.5500, 26.9414



177.4310, -87.4735, 56.6270

Inverse Universe

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



27.7050, 37.6134, -24.2973



35.9350, 48.8390, -31.5150



19.0320, 41.8892, 4.3569



47.1570, 1.8946, -1.0147



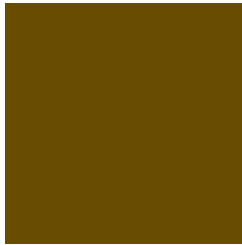
30.7200, 41.5500, -26.9414



64.5690, 87.4735, -56.6270

Previews

White Background



This preview shows how the YUV color 76.2950, -37.6134, 24.2973 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



This preview shows how the YUV color 76.2950, -37.6134, 24.2973 looks on a 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 76.2950, -37.6134, 24.2973

Background



This preview shows how black text looks on a background with the YUV color 76.2950, -37.6134, 24.2973.



This preview shows how white text looks on a background with the YUV color 76.2950, -37.6134,

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

76.2950, -37.6134, 24.2973

Protanopia

76.3260, -34.6707, 13.7461

Deuteranopia

75.9960, -37.4660, 23.6825



Tritanopia

83.3340, -3.1227, 21.6321

Trichromacy



Original Color

76.2950, -37.6134, 24.2973

Protanomaly

76.1200, -35.5552, 17.4348

Deuteranomaly

75.9960, -37.4660, 23.6825

Tritanomaly

81.0170, -15.7844, 22.7871

Monochromacy



Original Color

76.2950, -37.6134, 24.2973

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.7980, -13.7044, 8.9472

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.2950, -37.6134, 24.2973 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(104, 77, 0)` looks like.

```
.text, #text, p{  
    color:rgb(104, 77, 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(104, 77, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 77, 0) }
```

Border

The CSS property to change the border of an element to YUV 76.2950, -37.6134, 24.2973 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(104, 77, 0) }
```


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

```
.border{ border-color:rgb(104, 77, 0) }
```

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

Here you see how a box with a 4 pixel rgb(104, 77, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 77, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 77, 0);  
box-shadow:4px 4px 4px 4px rgb(104, 77, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.2950, -37.6134, 24.2973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 77, 0) }
```

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

```
.background{ background-color: rgb(104, 77,  
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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