

Converting Colors

YUV(75.4000, -37.1722,
-24.0298)

Have a look what the booklet for
YUV(75.4000, -37.1722, -24.0298)
contains.

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Color

**YUV(75.4000, -37.1722,
-24.0298)**

Conversions

Conversions Part 1

Format	Color
Hex	306800
RGB	48, 104, 0
RGB Percent	19%, 41%, 0%
CMY	0.8118, 0.5922, 1.0000
CMYK	0.54, 0.00, 1.00, 0.59
HSL	92°, 100%, 20%
HSV	92°, 100%, 41%
XYZ	6.1692, 10.5290, 1.7071
YIQ	75.4000, 0.0080, -44.2160

Conversions

Conversions Part 2

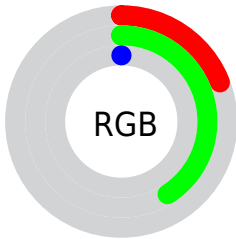
Format	Color
RYB	0, 104, 56
Decimal	3172352
CIELab	38.78, -35.16, 44.38
CIELCh	39, 56.623, 128.387
Yxy	10.5290, 0.3352, 0.5721
Android (android.graphics.Color)	4281362432 (0xFF306800)
YUV	75.4000, -37.1722, -24.0298
Hunter-Lab	32.4484, -22.8476, 19.5946

Details

The YUV color **75.4000, -37.1722, -24.0298** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **28.6000, 37.1722, 24.0298**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.3830, -34.6988, -24.0149**, and **32.8720, -16.2059, -28.8287** is the 20% darker color. If you saturate the color by 10%, you get **75.4000, -37.1722, -24.0298**, and if you desaturate by 10%, it is **78.3340, -33.6887, -21.3409**.

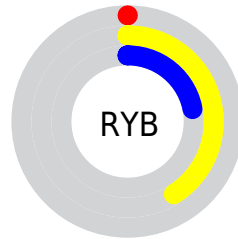
Distribution



Red (19%)

Green (41%)

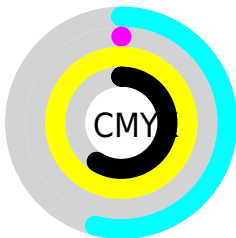
Blue (0%)



Red (0%)

Yellow (41%)

Blue (22%)

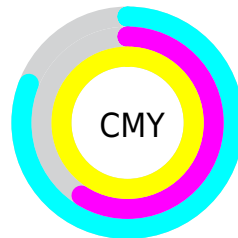


Cyan (54%)

Magenta (0%)

Yellow (100%)

Black (59%)



Cyan (81%)

Magenta (59%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 75.4000, -37.1722, -24.0298 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 75.4000, -37.1722, -24.0298 by changing the saturation by 10% instead.


 75.4000, -37.1722,
-24.0298


 75.4000, -37.1722,
-24.0298


 254.0880, -3.4944,
0.7998


 52.0540, -25.6626,
-28.9884

 128.3830,
-34.6988, -24.0149


 32.8720, -16.2059,
-28.8287


 155.1550,
-35.5724, -23.8149

 21.1320, -10.4181,
-18.5328

 182.6280,
-36.2986, -24.2298


 0.0000, 0.0000,
0.0000

 210.5140,
-36.7354, -24.1298


 231.6550,
-33.8469, -17.2374


 243.4040,


-26.3282, -2.1083


 250.7820,
-16.1615, 3.6992


 75.4000, -37.1722,
-24.0298

 78.3340, -33.6887,
-21.3409

 81.0830, -29.6209,
-19.3668

 84.0170, -26.1374,
-16.6779

 86.7660, -22.0696,
-14.7038

 89.7000, -18.5861,
-12.0149

■ 92.6340, -15.1026,
-9.3260

■ 95.3830, -11.0348,
-7.3519

■ 98.3170, -7.5513,
-4.6630

■ 101.0660, -3.4835,
-2.6889

Harmonies

Analogous

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



84.1920, -41.5067, 12.9866



75.4000, -37.1722, -24.0298



70.2530, -7.5197, -61.6119

Triad

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



75.4000, -37.1722, -24.0298



81.8130, 46.9272, -71.7500



81.3810, -0.6808, 78.5959

Complementary

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



75.4000, -37.1722, -24.0298



28.6000, 37.1722, 24.0298

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.



88.2980, 18.5871, 58.4977



75.4000, -37.1722, -24.0298



75.4530, 53.0207, -66.1723

Square

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



75.4000, -37.1722, -24.0298



82.0290, 32.5237, -71.9394



92.9530, 35.0262, 12.3192



83.9520, -23.6403, 69.3251

Rectangle

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



75.4000, -37.1722, -24.0298



75.0750, 5.8790, -65.8408



92.9530, 35.0262, 12.3192



82.6070, 6.6027, 75.7667

Sweetspot

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



75.4000, -37.1722, -24.0298



123.8620, -14.2290, -9.5260



63.3810, -31.2468, 35.6229



62.2630, -9.0037, -5.4927



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.



75.4000, -37.1722, -24.0298



97.7830, -48.2070, -31.3817



61.3900, -28.7863, -53.8390



49.5330, -1.7418, -1.3444



83.3520, -41.0925, -26.6187



175.5420, -86.5422, -55.7263

Inverse Universe

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



28.6000, 37.1722, 24.0298



37.2170, 48.2070, 31.3817



42.6100, 28.7863, 53.8390



47.4670, 1.7418, 1.3444



31.6480, 41.0925, 26.6187



66.4580, 86.5422, 55.7263

Previews

White Background



This preview shows how the YUV color 75.4000, -37.1722, -24.0298 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 75.4000, -37.1722, -24.0298

Background



This preview shows how black text looks on a background with the YUV color 75.4000, -37.1722, -24.0298.



This preview shows how white text looks on a background with the YUV color 75.4000, -37.1722, -24.0298.

-24.0298.

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

75.4000, -37.1722, -24.0298

Protanopia

84.2140, -41.5175, 16.4753

Deuteranopia

87.2610, -32.6667, 24.3271



Tritanopia

87.6320, 8.0694, -21.6023

Trichromacy



Original Color

75.4000, -37.1722, -24.0298

Protanomaly

81.1690, -40.0163, 1.6058

Deuteranomaly

83.2820, -34.6490, 6.7687

Tritanomaly

83.5660, -8.6600, -22.4214

Monochromacy



Original Color

75.4000, -37.1722, -24.0298

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.3890, -13.5028, -9.1112

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.4000, -37.1722, -24.0298 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(48, 104, 0)` looks like.

```
.text, #text, p{  
    color:rgb(48, 104, 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(48, 104, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 104, 0) }
```

Border

The CSS property to change the border of an element to YUV 75.4000, -37.1722, -24.0298 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(48, 104, 0) }
```


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

```
.border{ border-color:rgb(48, 104, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 104, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 104, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 104, 0);  
box-shadow:4px 4px 4px 4px rgb(48, 104, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.4000, -37.1722, -24.0298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 104, 0) }
```

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

```
.background{ background-color: rgb(48, 104,  
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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