

Converting Colors

YUV(78.8310, -37.3847, -2.4828)

Have a look what the booklet for
YUV(78.8310, -37.3847, -2.4828)
contains.

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Color

**YUV(78.8310, -37.3847,
-2.4828)**

Conversions

Conversions Part 1

Format	Color
Hex	4C5F03
RGB	76, 95, 3
RGB Percent	30%, 37%, 1%
CMY	0.7020, 0.6275, 0.9882
CMYK	0.20, 0.00, 0.97, 0.63
HSL	72°, 94%, 19%
HSV	72°, 97%, 37%
XYZ	7.0891, 9.7275, 1.5901
YIQ	78.8310, 18.2080, -32.6400

Conversions

Conversions Part 2

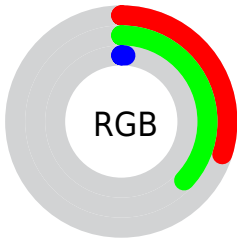
Format	Color
RYB	3, 95, 22
Decimal	5005059
CIELab	37.35, -19.48, 43.09
CIElCh	37, 47.294, 114.327
Yxy	9.7275, 0.3851, 0.5285
Android (android.graphics.Color)	4283195139 (0xFF4C5F03)
YUV	78.8310, -37.3847, -2.4828
Hunter-Lab	31.1889, -14.0082, 18.8095

Details

The YUV color **78.8310, -37.3847, -2.4828** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **19.1690, 37.3847, 2.4828**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.9990, -35.4955, -1.7531**, and **36.8360, -18.1601, -8.6262** is the 20% darker color. If you saturate the color by 10%, you get **78.1900, -38.5477, -2.7976**, and if you desaturate by 10%, it is **80.5690, -33.3115, -2.2530**.

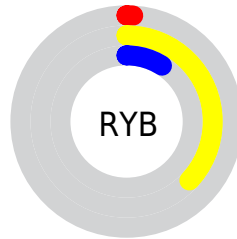
Distribution



Red (30%)

Green (37%)

Blue (1%)



Red (1%)

Yellow (37%)

Blue (9%)

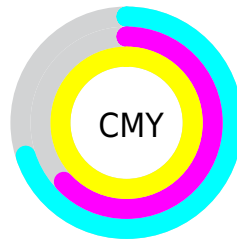


Cyan (20%)

Magenta (0%)

Yellow (97%)

Black (63%)



Cyan (70%)

Magenta (63%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.8310, -37.3847, -2.4828 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 78.8310, -37.3847, -2.4828 by changing the saturation by 10% instead.

■ 78.8310, -37.3847,
-2.4828

■ 78.8310, -37.3847,
-2.4828

■ 254.0880, -3.4944,
0.7998

■ 57.2250, -28.2119,
-4.5823

■ 129.9990,
-35.4955, -1.7531

■ 36.8360, -18.1601,
-8.6262

■ 156.7710,
-36.3691, -1.5532

■ 17.0230, -8.3923,
-14.9292

■ 183.9560,
-36.9533, -0.8384


■ 0.0000, 0.0000,
0.0000


■ 211.7280,
-37.8269, -0.6385


■ 239.9130,
-38.4111, 0.0763


■ 247.5900,


-28.3919, 6.4986


 250.7820,
-16.1615, 3.6992


 78.8310, -37.3847,
-2.4828


 78.8310, -37.3847,
-2.4828


 78.1900, -38.5477,
-2.7976

 80.5690, -33.3115,
-2.2530

 82.1930, -29.6751,
-1.9233

 83.9310, -25.6020,
-1.6935

 85.5550, -21.9656,
-1.3637

 87.2930, -17.8924,
-1.1340

■ 88.9170, -14.2561,
-0.8042

■ 90.6550, -10.1829,
-0.5744

■ 92.2790, -6.5465,
-0.2447

■ 94.0170, -2.4734,
-0.0149

Harmonies

Analogous

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



82.7960, -40.8184, 25.6119



78.8310, -37.3847, -2.4828



69.5170, -14.5519, -46.0574

Triad

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



78.8310, -37.3847, -2.4828



76.8600, 35.5650, -67.4062



85.2690, 5.7834, 58.5231

Complementary

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



78.8310, -37.3847, -2.4828



19.1690, 37.3847, 2.4828

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.



90.1160, 21.1418, 32.3473



78.8310, -37.3847, -2.4828



74.4610, 44.1427, -65.3023

Square

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



78.8310, -37.3847, -2.4828



75.0870, 21.1561, -65.8513



87.0870, 34.9601, -13.2313



83.5950, -12.1253, 62.6222

Rectangle

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



78.8310, -37.3847, -2.4828



68.5720, -1.2680, -60.1376



87.0870, 34.9601, -13.2313



86.6040, 11.0412, 52.0903

Sweetspot

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



78.8310, -37.3847, -2.4828



115.9170, -14.2561, -0.8042



41.0740, -18.7705, 47.2931



57.4100, -8.5831, -0.3596



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



78.8310, -37.3847, -2.4828



100.6170, -49.6042, -3.1721



65.3760, -30.7514, -30.1478



47.2450, -1.5998, -0.2149



92.3550, -45.5310, -2.9423



197.6900, -97.4612, -6.7441

Inverse Universe

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



19.1690, 37.3847, 2.4828



21.3830, 49.6042, 3.1721



32.6240, 30.7514, 30.1478



44.7550, 1.5998, 0.2149



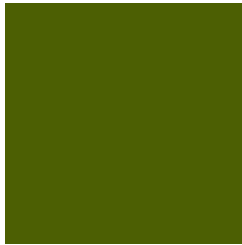
19.6450, 45.5310, 2.9423



42.3100, 97.4612, 6.7441

Previews

White Background



This preview shows how the YUV color 78.8310, -37.3847, -2.4828 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 78.8310, -37.3847, -2.4828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

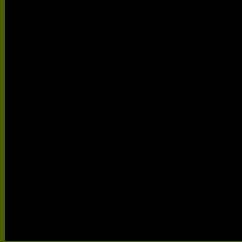
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.8310, -37.3847, -2.4828

Background



This preview shows how black text looks on a background with the YUV color 78.8310, -37.3847, -2.4828.



This preview shows how white text looks on a background with the YUV color 78.8310, -37.3847, -2.4828.

-2.4828.

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

78.8310, -37.3847, -2.4828

Protanopia

81.2570, -40.0597, 15.5606

Deuteranopia

83.8480, -32.9561, 23.8123



Tritanopia

87.6020, 3.6472, -3.1590

Trichromacy



Original Color

78.8310, -37.3847, -2.4828

Protanomaly

80.7400, -39.3118, 8.9980

Deuteranomaly

81.7390, -34.3813, 14.2609

Tritanomaly

84.7040, -11.1931, -3.2484

Monochromacy



Original Color

78.8310, -37.3847, -2.4828

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.0310, -13.8193, -0.9042

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.8310, -37.3847, -2.4828 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(76, 95, 3)` looks like.

```
.text, #text, p{  
    color:rgb(76, 95, 3)  
}
```

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(76, 95, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 95, 3) }
```

Border

The CSS property to change the border of an element to YUV 78.8310, -37.3847, -2.4828 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(76, 95, 3) }
```


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

```
.border{ border-color:rgb(76, 95, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 95, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 95, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(76, 95, 3); box-shadow:4px  
4px 4px 4px rgb(76, 95, 3) }
```

Background

The CSS property to change the background color of an element to YUV 78.8310, -37.3847, -2.4828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 95, 3) }
```

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

```
.background{ background-color: rgb(76, 95,  
3) }
```

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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