

Converting Colors

YUV(85.8240, -39.8462,
40.4964)

Have a look what the booklet for
YUV(85.8240, -39.8462, 40.4964)
contains.

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Color

**YUV(85.8240, -39.8462,
40.4964)**

Conversions

Conversions Part 1

Format	Color
Hex	844E05
RGB	132, 78, 5
RGB Percent	52%, 31%, 2%
CMY	0.4824, 0.6941, 0.9804
CMYK	0.00, 0.41, 0.96, 0.48
HSL	34°, 93%, 27%
HSV	34°, 96%, 52%
XYZ	12.2675, 10.3653, 1.4977
YIQ	85.8240, 55.6170, -11.2550

Conversions

Conversions Part 2

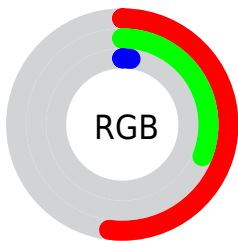
Format	Color
RYB	99, 132, 5
Decimal	8670725
CIELab	38.49, 17.81, 46.03
CIELCh	38, 49.354, 68.845
Yxy	10.3653, 0.5084, 0.4296
Android (android.graphics.Color)	4286860805 (0xFF844E05)
YUV	85.8240, -39.8462, 40.4964
Hunter-Lab	32.1951, 11.6734, 19.7784

Details

The YUV color **85.8240, -39.8462, 40.4964** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **51.1760, 39.8462, -40.4964**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.9710, -39.4257, 45.6294**, and **42.3940, -20.9002, 30.3495** is the 20% darker color. If you saturate the color by 10%, you get **84.0800, -41.4514, 42.0258**, and if you desaturate by 10%, it is **90.8280, -35.9042, 36.1078**.

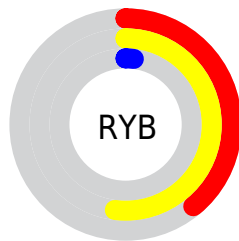
Distribution



Red (52%)

Green (31%)

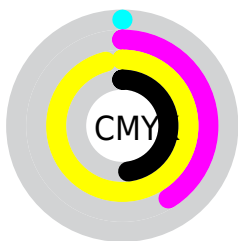
Blue (2%)



Red (39%)

Yellow (52%)

Blue (2%)

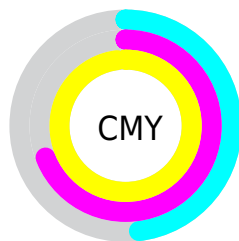


Cyan (0%)

Magenta (41%)

Yellow (96%)

Black (48%)



Cyan (48%)


Magenta (69%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the YUV color 85.8240, -39.8462, 40.4964 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 85.8240, -39.8462, 40.4964 by changing the saturation by 10% instead.


 85.8240, -39.8462,
40.4964

 85.8240, -39.8462,
40.4964


 253.9740, -3.9312,
0.8998


 63.3810, -31.2468,
35.6229


 137.9710,
-39.4257, 45.6294


 42.3940, -20.9002,
30.3495

 165.0530,
-40.4521, 48.1885


 21.9940, -10.8430,
24.5613

 192.8360,
-41.3311, 50.1328

 7.2900, -3.1010,
14.6547


 213.7310,
-38.8144, 36.1929


 0.0000, 0.0000,
0.0000


 233.2450,
-35.1238, 19.0791


 247.4760,


-28.8287, 6.5985


 250.6680,
-16.5983, 3.7992


 85.8240, -39.8462,
40.4964


 85.8240, -39.8462,
40.4964


 84.0800, -41.4514,
42.0258

 90.8280, -35.9042,
36.1078

 95.2450, -31.6728,
32.2341

 100.3630,
-27.2940, 27.7456

 104.7800,
-23.0625, 23.8719

 109.7840,
-19.1205, 19.4834

■ 114.7880,
-15.1785, 15.0949

■ 119.2050,
-10.9471, 11.2212

■ 124.3230, -6.5682,
6.7327

■ 129.3270, -2.6262,
2.3442

Harmonies

Analogous

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



86.3530, -21.8660, 60.2034



85.8240, -39.8462, 40.4964



84.1920, -41.5067, 12.9866

Triad

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



85.8240, -39.8462, 40.4964



75.6110, 13.0098, -66.3108



92.8730, 29.6426, 12.3894

Complementary

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



85.8240, -39.8462, 40.4964



51.1760, 39.8462, -40.4964

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.



73.3840, 47.6317, -64.3578



85.8240, -39.8462, 40.4964



79.3560, 29.8975, -69.5952

Square

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



85.8240, -39.8462, 40.4964



69.6490, -4.7570, -61.0822



79.2710, 42.2644, -69.5207



90.5050, 14.5410, 49.5461

Rectangle

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



85.8240, -39.8462, 40.4964



79.9120, -36.9316, -7.8158



79.2710, 42.2644, -69.5207



91.6150, 34.2068, -4.9244

Sweetspot

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



85.8240, -39.8462, 40.4964



152.9730, -15.7627, 15.8097



49.2430, 5.3032, 72.5779



75.8350, -9.7787, 9.7917



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



85.8240, -39.8462, 40.4964



108.6550, -53.5669, 54.6766



115.1300, -54.2941, 7.7790



63.5550, -1.7526, 2.1443



82.8950, -40.8672, 41.3111



1.4840, -0.7316, 1.3295

Inverse Universe

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



51.1760, 39.8462, -40.4964



62.3450, 53.5669, -54.6766



21.8700, 54.2941, -7.7790



61.8580, 2.0420, -1.6295



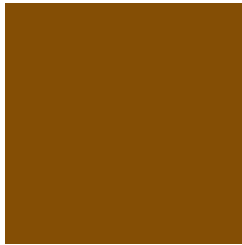
47.1050, 40.8672, -41.3111



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 85.8240, -39.8462, 40.4964 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



This preview shows how the YUV color 85.8240, -39.8462, 40.4964 looks on a 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 85.8240, -39.8462, 40.4964

Background



This preview shows how black text looks on a background with the YUV color 85.8240, -39.8462, 40.4964.



This preview shows how white text looks on a background with the YUV color 85.8240, -39.8462,

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

85.8240, -39.8462, 40.4964

Protanopia

85.4680, -36.7127, 15.3756

Deuteranopia

85.4540, -42.1288, 25.9118



Tritanopia

92.1080, -6.9552, 37.6163

Trichromacy



Original Color

85.8240, -39.8462, 40.4964

Protanomaly

85.5940, -37.7608, 24.9121

Deuteranomaly

85.7150, -41.2715, 30.9449

Tritanomaly

89.9050, -19.1802, 38.6713

Monochromacy



Original Color

85.8240, -39.8462, 40.4964

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.0160, -14.3049, 14.8950

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.8240, -39.8462, 40.4964 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(132, 78, 5)` looks like.

```
.text, #text, p{  
    color:rgb(132, 78, 5)  
}
```

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(132, 78, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 78, 5) }
```

Border

The CSS property to change the border of an element to YUV 85.8240, -39.8462, 40.4964 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(132, 78, 5) }
```


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

```
.border{ border-color:rgb(132, 78, 5) }
```

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

Here you see how a box with a 4 pixel rgb(132, 78, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 78, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 78, 5);  
box-shadow:4px 4px 4px 4px rgb(132, 78, 5)  
}
```

Background

The CSS property to change the background color of an element to YUV 85.8240, -39.8462, 40.4964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 78, 5) }
```

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

```
.background{ background-color: rgb(132, 78,  
5) }
```

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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