

Converting Colors

YUV(85.9540, -40.4033,
32.4893)

Have a look what the booklet for
YUV(85.9540, -40.4033, 32.4893)
contains.

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Color

**YUV(85.9540, -40.4033,
32.4893)**

Conversions

Conversions Part 1

Format	Color
Hex	7B5304
RGB	123, 83, 4
RGB Percent	48%, 33%, 2%
CMY	0.5176, 0.6745, 0.9843
CMYK	0.00, 0.33, 0.97, 0.52
HSL	40°, 94%, 25%
HSV	40°, 97%, 48%
XYZ	11.2835, 10.4062, 1.5288
YIQ	85.9540, 49.1990, -16.0890

Conversions

Conversions Part 2

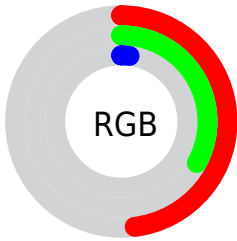
Format	Color
RYB	64, 123, 4
Decimal	8082180
CIELab	38.56, 10.56, 45.82
CIELCh	39, 47.024, 77.025
Yxy	10.4062, 0.4860, 0.4482
Android (android.graphics.Color)	4286272260 (0xFF7B5304)
YUV	85.9540, -40.4033, 32.4893
Hunter-Lab	32.2587, 5.9836, 19.7713

Details

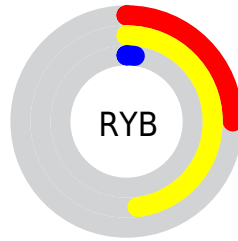
The YUV color **85.9540, -40.4033, 32.4893** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **41.0460, 40.4033, -32.4893**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.9160, -39.3986, 36.9077**, and **42.9370, -21.1679, 22.8573** is the 20% darker color. If you saturate the color by 10%, you get **84.9110, -41.8611, 33.4041**, and if you desaturate by 10%, it is **89.6700, -36.3193, 29.2304**.

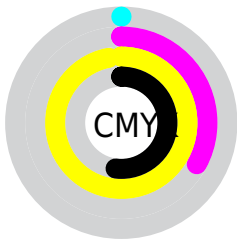
Distribution



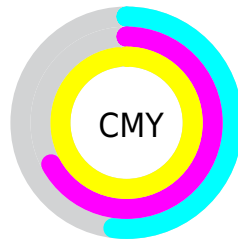
- Red (48%)
- Green (33%)
- Blue (2%)



- Red (25%)
- Yellow (48%)
- Blue (2%)



- Cyan (0%)
- Magenta (33%)
- Yellow (97%)
- Black (52%)





- Cyan (52%)
- Magenta (67%)
- Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the YUV color 85.9540, -40.4033, 32.4893 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 85.9540, -40.4033, 32.4893 by changing the saturation by 10% instead.


 85.9540, -40.4033,
32.4893

 85.9540, -40.4033,
32.4893


 253.9740, -3.9312,
0.8998

 63.9240, -31.5145,
28.1307


 137.9160,
-39.3986, 36.9077


 42.9370, -21.1679,
22.8573

 164.6990,
-40.2776, 38.8520


 23.4230, -11.5475,
17.1690

 192.4820,
-41.1566, 40.7963

 3.2890, -1.6215,
6.7625


 216.6660,
-40.2613, 33.6189


 0.0000, 0.0000,
0.0000


 236.1800,
-36.5707, 16.5051


 247.4760,


-28.8287, 6.5985


 250.6680,
-16.5983, 3.7992


 85.9540, -40.4033,
32.4893


 85.9540, -40.4033,
32.4893


 84.9110, -41.8611,
33.4041

 89.6700, -36.3193,
29.2304

 93.5000, -31.7985,
25.8715

 97.2160, -27.7145,
22.6126

 101.5190,
-23.9199, 18.8388

 105.3490,
-19.3991, 15.4799

■ 109.0650,
-15.3150, 12.2210

■ 112.7810,
-11.2310, 8.9621

■ 116.4970, -7.1470,
5.7031

■ 120.3270, -2.6262,
2.3442

Harmonies

Analogous

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



87.6850, -25.4807, 52.8963



85.9540, -40.4033, 32.4893



83.0770, -40.4640, 5.1945

Triad

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



85.9540, -40.4033, 32.4893



76.7510, 17.3778, -67.3106



93.8590, 24.2265, 22.9257

Complementary

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



85.9540, -40.4033, 32.4893



41.0460, 40.4033, -32.4893

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.



86.7970, 38.0611, -27.8860



85.9540, -40.4033, 32.4893



78.8660, 33.0971, -69.1655

Square

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



85.9540, -40.4033, 32.4893



71.0170, 0.4846, -62.2819



77.5100, 43.1326, -67.9763



89.8600, 9.4360, 53.6198

Rectangle

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



85.9540, -40.4033, 32.4893



79.8490, -28.0266, -17.4076



77.5100, 43.1326, -67.9763



93.3240, 28.9273, 8.4859

Sweetspot

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



85.9540, -40.4033, 32.4893



146.2500, -15.8993, 12.9358



44.3690, 0.8041, 68.9594



72.8240, -9.7732, 8.0474



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.



85.9540, -40.4033, 32.4893



110.9480, -54.6974, 43.8956



104.0520, -49.3256, 0.8314



59.1420, -2.0420, 1.6295



86.0960, -42.4453, 34.1188



173.9640, -85.7643, 68.4376

Inverse Universe

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



41.0460, 40.4033, -32.4893



50.0520, 54.6974, -43.8956



22.9480, 49.3256, -0.8314



56.8580, 2.0420, -1.6295



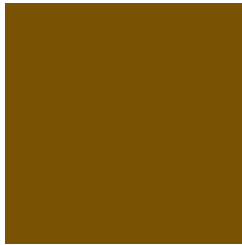
38.9040, 42.4453, -34.1188



78.6230, 85.4749, -68.9524

Previews

White Background



This preview shows how the YUV color 85.9540, -40.4033, 32.4893 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 85.9540, -40.4033, 32.4893 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 85.9540, -40.4033, 32.4893

Background



This preview shows how black text looks on a background with the YUV color 85.9540, -40.4033, 32.4893.



This preview shows how white text looks on a background with the YUV color 85.9540, -40.4033,

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

85.9540, -40.4033, 32.4893

Protanopia

85.8270, -37.8757, 15.0607

Deuteranopia

85.4540, -42.1288, 25.9118



Tritanopia

92.6340, -4.7496, 30.1390

Trichromacy



Original Color

85.9540, -40.4033, 32.4893

Protanomaly

85.9310, -38.9130, 21.1085

Deuteranomaly

85.8780, -41.8449, 28.1710

Tritanomaly

90.2030, -17.8481, 31.3940

Monochromacy



Original Color

85.9540, -40.4033, 32.4893

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.8800, -14.7308, 11.5062

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.9540, -40.4033, 32.4893 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(123, 83, 4)` looks like.

```
.text, #text, p{  
    color:rgb(123, 83, 4)  
}
```

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(123, 83, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 83, 4) }
```

Border

The CSS property to change the border of an element to YUV 85.9540, -40.4033, 32.4893 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(123, 83, 4) }
```


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

```
.border{ border-color:rgb(123, 83, 4) }
```

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

Here you see how a box with a 4 pixel rgb(123, 83, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 83, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 83, 4);  
box-shadow:4px 4px 4px 4px rgb(123, 83, 4)  
}
```

Background

The CSS property to change the background color of an element to YUV 85.9540, -40.4033, 32.4893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 83, 4) }
```

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

```
.background{ background-color: rgb(123, 83,  
4) }
```

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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