

Converting Colors

YUV(83.5410, -40.6927,
31.9745)

Have a look what the booklet for
YUV(83.5410, -40.6927, 31.9745)
contains.

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Color

**YUV(83.5410, -40.6927,
31.9745)**

Conversions

Conversions Part 1

Format	Color
Hex	785101
RGB	120, 81, 1
RGB Percent	47%, 32%, 0%
CMY	0.5294, 0.6824, 0.9961
CMYK	0.00, 0.33, 0.99, 0.53
HSL	40°, 98%, 24%
HSV	40°, 99%, 47%
XYZ	10.6936, 9.8801, 1.3722
YIQ	83.5410, 48.9240, -16.6120

Conversions

Conversions Part 2

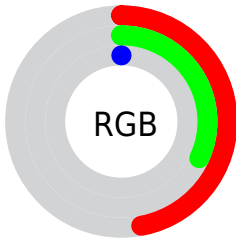
Format	Color
R_{YB}	59, 120, 1
Decimal	7885057
CIE Lab	37.63, 10.23, 45.92
CIE LCh	38, 47.043, 77.440
Yxy	9.8801, 0.4873, 0.4502
Android (android.graphics.Color)	4286075137 (0xFF785101)
YUV	83.5410, -40.6927, 31.9745
Hunter-Lab	31.4327, 5.7199, 19.4146

Details

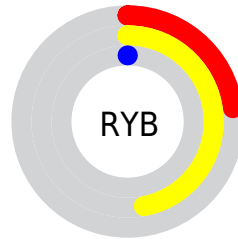
The YUV color **83.5410, -40.6927, 31.9745** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **37.4590, 40.6927, -31.9745**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.6170, -39.2512, 36.2929**, and **41.4530, -20.4363, 21.5277** is the 20% darker color. If you saturate the color by 10%, you get **83.4270, -41.1295, 32.0745**, and if you desaturate by 10%, it is **87.2570, -36.6087, 28.7156**.

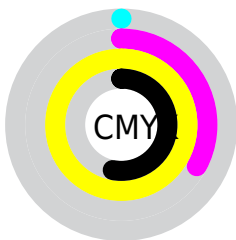
Distribution



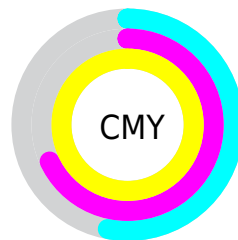
- Red (47%)
- Green (32%)
- Blue (0%)



- Red (23%)
- Yellow (47%)
- Blue (0%)



- Cyan (0%)
- Magenta (33%)
- Yellow (99%)
- Black (53%)



- Cyan (53%)
- Magenta (68%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.5410, -40.6927, 31.9745 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 83.5410, -40.6927, 31.9745 by changing the saturation by 10% instead.

83.5410, -40.6927,
31.9745

83.5410, -40.6927,
31.9745

253.6320, -5.2416,
1.1997

61.8530, -30.4935,
27.3159

135.6170,
-39.2512, 36.2929

41.4530, -20.4363,
21.5277

162.4000,
-40.1302, 38.2372

22.2380, -10.9633,
16.4543

189.7700,
-41.2986, 39.6667


0.0000, 0.0000,
0.0000


214.5630,
-40.7036, 35.4632


234.6640,
-37.3024, 17.8347


247.1340,


-30.1391, 6.8985


 250.4400,
-17.4719, 3.9991


 83.5410, -40.6927,
31.9745


 83.5410, -40.6927,
31.9745


 83.4270, -41.1295,
32.0745

 87.2570, -36.6087,
28.7156

 90.9730, -32.5247,
25.4567

 94.6890, -28.4407,
22.1977

 98.4050, -24.3567,
18.9388

 102.1210,
-20.2727, 15.6799

■ 105.8370,
-16.1886, 12.4210

■ 109.5530,
-12.1046, 9.1620

■ 112.6820, -7.7312,
6.4179

■ 116.3980, -3.6472,
3.1590

Harmonies

Analogous

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



85.2720, -25.7701, 52.3815



83.5410, -40.6927, 31.9745



80.3050, -39.5904, 4.9945

Triad

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



83.5410, -40.6927, 31.9745



74.7620, 17.3723, -65.5663



91.1580, 24.0791, 23.5404

Complementary

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



83.5410, -40.6927, 31.9745



37.4590, 40.6927, -31.9745

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.



84.0960, 37.9137, -27.2712



83.5410, -40.6927, 31.9745



77.4640, 32.8022, -67.9359

Square

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



83.5410, -40.6927, 31.9745



69.7290, 0.6266, -61.1523



76.1080, 42.8378, -66.7467



87.1590, 9.2886, 54.2346

Rectangle

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



83.5410, -40.6927, 31.9745



77.5500, -27.8792, -18.0224



76.1080, 42.8378, -66.7467



90.9220, 28.6325, 9.7154

Sweetspot

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



83.5410, -40.6927, 31.9745



141.2500, -15.8992, 12.9358



41.1410, -0.0695, 69.1593



70.5250, -9.6258, 7.4326



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



83.5410, -40.6927, 31.9745



108.2790, -53.3815, 41.8513



100.4540, -49.0308, -0.3982



59.1420, -2.0420, 1.6295



86.6830, -42.7347, 33.6040



175.1380, -86.3430, 67.4080

Inverse Universe

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



37.4590, 40.6927, -31.9745



47.7210, 53.3815, -41.8513



20.5460, 49.0308, 0.3982



56.8580, 2.0420, -1.6295



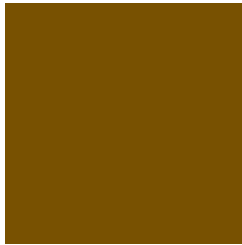
38.3170, 42.7347, -33.6040



77.4490, 86.0536, -67.9228

Previews

White Background



This preview shows how the YUV color 83.5410, -40.6927, 31.9745 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 83.5410, -40.6927, 31.9745 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 83.5410, -40.6927, 31.9745

Background



This preview shows how black text looks on a background with the YUV color 83.5410, -40.6927, 31.9745.



This preview shows how white text looks on a background with the YUV color 83.5410, -40.6927,

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

83.5410, -40.6927, 31.9745

Protanopia

83.0550, -37.0021, 14.8608

Deuteranopia

83.0950, -40.9658, 26.2267



Tritanopia

90.0360, -4.4547, 28.9094

Trichromacy



Original Color

83.5410, -40.6927, 31.9745

Protanomaly

83.0450, -38.4762, 21.0085

Deuteranomaly

83.4050, -41.1187, 28.5858

Tritanomaly

87.6050, -17.5533, 30.1644

Monochromacy



Original Color

83.5410, -40.6927, 31.9745

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.8800, -14.7308, 11.5062

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.5410, -40.6927, 31.9745 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(120, 81, 1)` looks like.

```
.text, #text, p{  
    color:rgb(120, 81, 1)  
}
```

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(120, 81, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 81, 1) }
```

Border

The CSS property to change the border of an element to YUV 83.5410, -40.6927, 31.9745 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(120, 81, 1) }
```


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

```
.border{ border-color:rgb(120, 81, 1) }
```

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

Here you see how a box with a 4 pixel rgb(120, 81, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 81, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 81, 1);  
box-shadow:4px 4px 4px 4px rgb(120, 81, 1)  
}
```

Background

The CSS property to change the background color of an element to YUV 83.5410, -40.6927, 31.9745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 81, 1) }
```

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

```
.background{ background-color: rgb(120, 81,  
1) }
```

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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