

Converting Colors

YUV(83.4100, -39.1491,
-43.3326)

Have a look what the booklet for
YUV(83.4100, -39.1491, -43.3326)
contains.

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Color

**YUV(83.4100, -39.1491,
-43.3326)**

Conversions

Conversions Part 1

Format	Color
Hex	227C04
RGB	34, 124, 4
RGB Percent	13%, 49%, 2%
CMY	0.8667, 0.5137, 0.9843
CMYK	0.73, 0.00, 0.97, 0.51
HSL	105°, 94%, 25%
HSV	105°, 97%, 49%
XYZ	7.8893, 14.7642, 2.5488
YIQ	83.4100, -15.1200, -56.4000

Conversions

Conversions Part 2

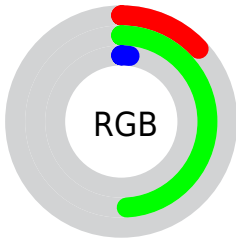
Format	Color
R_{YB}	4, 124, 94
Decimal	2259972
CIE _{Lab}	45.31, -46.16, 48.49
CIE _{LCh}	45, 66.949, 133.587
Yxy	14.7642, 0.3130, 0.5858
Android (android.graphics.Color)	4280450052 (0xFF227C04)
YUV	83.4100, -39.1491, -43.3326
Hunter-Lab	38.4241, -30.5926, 22.9640

Details

The YUV color **83.4100, -39.1491, -43.3326** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **44.5900, 39.1491, 43.3326**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.0020, -36.9760, -40.3438**, and **43.4380, -21.4149, -38.0951** is the 20% darker color. If you saturate the color by 10%, you get **82.0570, -40.4541, -44.7770**, and if you desaturate by 10%, it is **87.4690, -35.2342, -38.9993**.

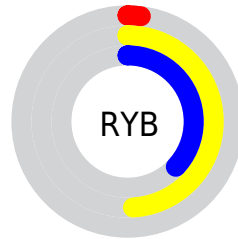
Distribution



Red (13%)

Green (49%)

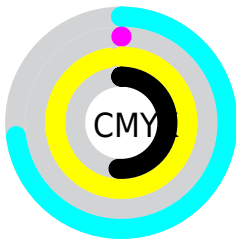
Blue (2%)



Red (2%)

Yellow (49%)

Blue (37%)

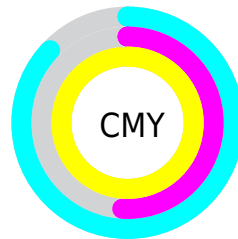


Cyan (73%)

Magenta (0%)

Yellow (97%)

Black (51%)



Cyan (87%)

Magenta (51%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.4100, -39.1491, -43.3326 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 83.4100, -39.1491, -43.3326 by changing the saturation by 10% instead.

■ 83.4100, -39.1491,
-43.3326

■ 83.4100, -39.1491,
-43.3326

255.0000, 0.0000,
0.0000

■ 57.5260, -28.3603,
-50.4503

■ 140.0020,
-36.9760, -40.3438

■ 43.4380, -21.4149,
-38.0951

■ 167.1870,
-37.5602, -39.6290

■ 29.3500, -14.4695,
-25.7399

■ 195.5460,
-38.7232, -39.9438

■ 15.8490, -7.8136,
-13.8996


■ 219.6220,
-37.2816, -35.6255


■ 0.0000, 0.0000,
0.0000


■ 231.3710,
-29.7629, -20.4964


■ 243.2340,


-21.8074, -5.4672


 251.9220,
-11.7935, 2.6994


 83.4100, -39.1491,
-43.3326


 83.4100, -39.1491,
-43.3326


 82.0570, -40.4541,
-44.7770

 87.4690, -35.2342,
-38.9993

 91.9410, -31.0299,
-34.1513

 96.0000, -27.1150,
-29.8180

 100.1730,
-22.7633, -25.5847

 104.5310,
-18.9958, -20.6367

■ 108.5900,
-15.0809, -16.3034

■ 112.7630,
-10.7292, -12.0702

■ 116.8220, -6.8142,
-7.7369

■ 121.2940, -2.6099,
-2.8888

Harmonies

Analogous

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



98.3240, -48.4737, 7.6089



83.4100, -39.1491, -43.3326



84.6320, -5.7346, -74.2223

Triad

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



83.4100, -39.1491, -43.3326



96.1240, 58.6059, -84.3007



91.8180, -3.3613, 98.3836

Complementary

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



83.4100, -39.1491, -43.3326



44.5900, 39.1491, 43.3326

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.



99.1850, 20.1218, 79.6448



83.4100, -39.1491, -43.3326



86.9600, 64.1097, -76.2639

Square

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



83.4100, -39.1491, -43.3326



97.2860, 42.7500, -85.3198



109.7790, 39.0560, 26.5038



98.3850, -33.7138, 80.3464

Rectangle

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



83.4100, -39.1491, -43.3326



89.7790, 11.4480, -78.7362



109.7790, 39.0560, 26.5038



91.8100, 5.5167, 97.5136

Sweetspot

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



83.4100, -39.1491, -43.3326



145.1770, -15.3703, -16.8182



92.7100, -43.7340, 27.4413



72.1160, -9.4242, -10.6257



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.



83.4100, -39.1491, -43.3326



106.4670, -52.4882, -58.2916



77.8600, -21.6230, -64.7752



59.1200, -2.0312, -1.8592



82.6440, -40.7435, -45.2918



166.7610, -82.2132, -90.9984

Inverse Universe

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



44.5900, 39.1491, 43.3326



54.2340, 52.6356, 57.6768



50.1400, 21.6230, 64.7752



57.1790, 1.8838, 2.4740



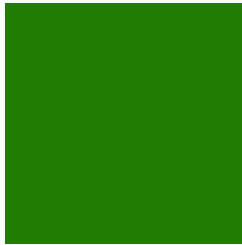
42.3560, 40.7435, 45.2918



85.2390, 82.2132, 90.9984

Previews

White Background



This preview shows how the YUV color 83.4100, -39.1491, -43.3326 looks on a white background.

Color Contrast Check

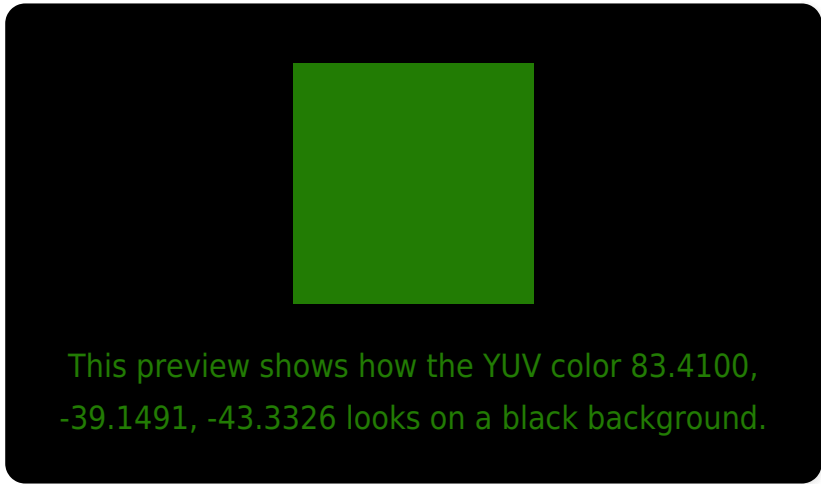
Large Text (above 18pt) WCAG AA ✓ Pass

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 83.4100, -39.1491, -43.3326

Background



This preview shows how black text looks on a background with the YUV color 83.4100, -39.1491, -43.3326.



This preview shows how white text looks on a background with the YUV color 83.4100, -39.1491, -43.3326.

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

83.4100, -39.1491, -43.3326

Protanopia

98.6890, -48.6537, 18.6897

Deuteranopia

102.4310, -37.1875, 27.6860



Tritanopia

99.9940, 12.3280, -34.1977

Trichromacy



Original Color

83.4100, -39.1491, -43.3326

Protanomaly

93.0560, -45.3836, -3.5571

Deuteranomaly

95.4510, -37.6903, 2.2355

Tritanomaly

93.7490, -6.2853, -37.4909

Monochromacy



Original Color

83.4100, -39.1491, -43.3326

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.1170, -14.3547, -15.8886

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.4100, -39.1491, -43.3326 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(34, 124, 4)` looks like.

```
.text, #text, p{  
    color:rgb(34, 124, 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(34, 124, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 124, 4) }
```

Border

The CSS property to change the border of an element to YUV 83.4100, -39.1491, -43.3326 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(34, 124, 4) }
```


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

```
.border{ border-color:rgb(34, 124, 4) }
```

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

Here you see how a box with a 4 pixel rgb(34, 124, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 124, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 124, 4);  
box-shadow:4px 4px 4px 4px rgb(34, 124, 4)  
}
```

Background

The CSS property to change the background color of an element to YUV 83.4100, -39.1491, -43.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 124, 4) }
```

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

```
.background{ background-color: rgb(34, 124,  
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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