

Converting Colors

YUV(83.3540, -41.0935,
-73.1015)

Have a look what the booklet for
YUV(83.3540, -41.0935, -73.1015)
contains.

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Color

**YUV(83.3540, -41.0935,
-73.1015)**

Conversions

Conversions Part 1

Format	Color
Hex	008E00
RGB	0, 142, 0
RGB Percent	0%, 56%, 0%
CMY	1.0000, 0.4431, 1.0000
CMYK	1.00, 0.00, 1.00, 0.44
HSL	120°, 100%, 28%
HSV	120°, 100%, 56%
XYZ	9.6730, 19.3460, 3.2243
YIQ	83.3540, -39.0500, -74.2660

Conversions

Conversions Part 2

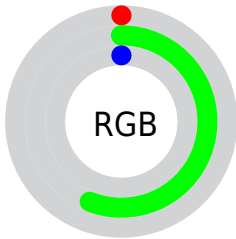
Format	Color
RYB	0, 142, 142
Decimal	36352
CIELab	51.09, -55.74, 53.80
CIELCh	51, 77.464, 136.016
Yxy	19.3460, 0.3000, 0.6000
Android (android.graphics.Color)	4278226432 (0xFF008E00)
YUV	83.3540, -41.0935, -73.1015
Hunter-Lab	43.9841, -37.7164, 26.4425

Details

The YUV color **83.3540, -41.0935, -73.1015** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **58.6460, 41.0935, 73.1015**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.9910, -40.4216, -55.2431**, and **52.8300, -26.0452, -46.3319** is the 20% darker color. If you saturate the color by 10%, you get **83.3540, -41.0935, -73.1015**, and if you desaturate by 10%, it is **89.1360, -37.0420, -65.8943**.

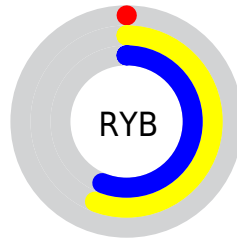
Distribution



Red (0%)

Green (56%)

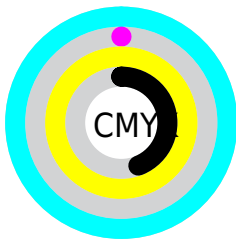
Blue (0%)



Red (0%)

Yellow (56%)

Blue (56%)

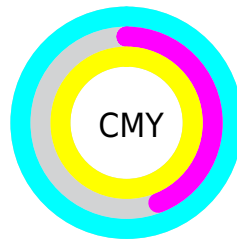


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (44%)



Cyan (100%)


Magenta (44%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 83.3540, -41.0935, -73.1015 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 83.3540, -41.0935, -73.1015 by changing the saturation by 10% instead.


 83.3540, -41.0935,
-73.1015


 83.3540, -41.0935,
-73.1015


255.0000, 0.0000,
0.0000


 68.0920, -33.5694,
-59.7167


 148.9910,
-40.4216, -55.2431

 52.8300, -26.0452,
-46.3319


 177.4750,
-41.1532, -53.9136


 38.1550, -18.8104,
-33.4619

 207.1330,
-42.4636, -53.6136

 25.2410, -12.4438,
-22.1364

 218.8820,
-34.9448, -38.4845


 4.1090, -2.0257,
-3.6036


 231.0440,
-27.1367, -22.8406


 0.0000, 0.0000,
0.0000


 242.9070,


-19.1812, -7.8114

 252.4920, -9.6096,
2.1995


 83.3540, -41.0935,
-73.1015

 89.1360, -37.0420,
-65.8943

 94.9180, -32.9906,
-58.6871

 101.1130,
-28.6497, -50.9651

 106.8950,
-24.5982, -43.7579

 112.6770,
-20.5468, -36.5507

■ 118.4590,
-16.4953, -29.3435

■ 124.2410,
-12.4438, -22.1364

■ 130.4360, -8.1029,
-14.4144

■ 136.2180, -4.0515,
-7.2072

Harmonies

Analogous

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



110.6950, -54.5726, 3.7755



83.3540, -41.0935, -73.1015



96.7940, -4.8284, -84.8883

Triad

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



83.3540, -41.0935, -73.1015



110.2070, 69.4109, -96.6515



98.7220, -4.2999, 119.5158

Complementary

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



83.3540, -41.0935, -73.1015



58.6460, 41.0935, 73.1015

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.



107.0550, 24.1299, 100.8068



83.3540, -41.0935, -73.1015



97.8800, 75.4882, -85.8408

Square

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



83.3540, -41.0935, -73.1015



111.6140, 51.9553, -97.8855



123.4520, 45.1332, 37.3146



109.7580, -42.7717, 92.2972

Rectangle

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



83.3540, -41.0935, -73.1015



103.3260, 15.1223, -90.6169



123.4520, 45.1332, 37.3146



95.8330, 7.4773, 122.0495

Sweetspot

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



83.3540, -41.0935, -73.1015



161.2850, -15.9165, -28.3139



125.8120, -62.0253, 14.1969



78.3710, -9.5499, -16.9884



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



83.3540, -41.0935, -73.1015



108.0080, -53.2479, -94.7230



91.4480, -10.0809, -80.1999



68.1090, -2.0257, -3.6036



79.2450, -39.0678, -69.4979



4.6960, -2.3151, -4.1184

Inverse Universe

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



58.6460, 41.0935, 73.1015



75.9920, 53.2479, 94.7230



50.5520, 10.0809, 80.1999



66.8910, 2.0257, 3.6036



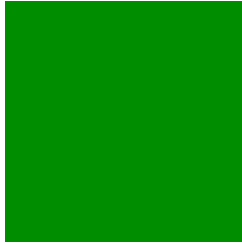
55.7550, 39.0678, 69.4979



3.3040, 2.3151, 4.1184

Previews

White Background



This preview shows how the YUV color 83.3540, -41.0935, -73.1015 looks on a white 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

Black 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

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

YUV 83.3540, -41.0935, -73.1015

Background



This preview shows how black text looks on a background with the YUV color 83.3540, -41.0935, -73.1015.



This preview shows how white text looks on a background with the YUV color 83.3540, -41.0935,

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



Protanopia

112.5770, -55.5005, 21.4190

Deuteranopia

116.4870, -42.1451, 31.1449

Tritanopia

111.7260, 15.4181, -45.3637

Trichromacy



Protanomaly

101.7360, -50.1558, -12.9235

Deuteranomaly

104.6580, -41.7364, -6.7161

Tritanomaly

101.5680, -5.2100, -55.7491

Monochromacy



Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.9370, -14.7589, -26.2547

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.3540, -41.0935, -73.1015 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(0, 142, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 142, 0)  
}
```

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(0, 142, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 142, 0) }
```

Border

The CSS property to change the border of an element to YUV 83.3540, -41.0935, -73.1015 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(0, 142, 0) }
```

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

```
.border{ border-color:rgb(0, 142, 0) }
```

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

Here you see how a box with a 4 pixel rgb(0, 142, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 142, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 142, 0); box-shadow:4px  
4px 4px 4px rgb(0, 142, 0) }
```


Background

The CSS property to change the background color of an element to YUV 83.3540, -41.0935, -73.1015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 142, 0) }
```

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

```
.background{ background-color: rgb(0, 142,  
0) }
```

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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