

Converting Colors

YUV(83.6320, -35.8076,
-41.7733)

Have a look what the booklet for
YUV(83.6320, -35.8076, -41.7733)
contains.

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Color

**YUV(83.6320, -35.8076,
-41.7733)**

Conversions

Conversions Part 1

Format	Color
Hex	247A0B
RGB	36, 122, 11
RGB Percent	14%, 48%, 4%
CMY	0.8588, 0.5216, 0.9569
CMYK	0.70, 0.00, 0.91, 0.52
HSL	106°, 83%, 26%
HSV	106°, 91%, 48%
XYZ	7.7475, 14.3183, 2.6720
YIQ	83.6320, -15.6250, -52.7530

Conversions

Conversions Part 2

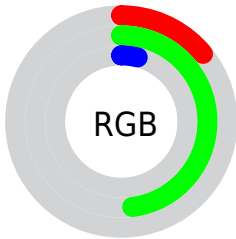
Format	Color
RYB	11, 122, 97
Decimal	2390539
CIELab	44.69, -44.79, 46.51
CIELCh	45, 64.568, 133.917
Yxy	14.3183, 0.3132, 0.5788
Android (android.graphics.Color)	4280580619 (0xFF247A0B)
YUV	83.6320, -35.8076, -41.7733
Hunter-Lab	37.8395, -29.6720, 22.3010

Details

The YUV color **83.6320, -35.8076, -41.7733** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **49.3680, 35.8076, 41.7733**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.8820, -34.9448, -38.4845**, and **42.2640, -20.8362, -37.0655** is the 20% darker color. If you saturate the color by 10%, you get **79.6870, -39.2857, -46.2065**, and if you desaturate by 10%, it is **87.6910, -31.8927, -37.4400**.

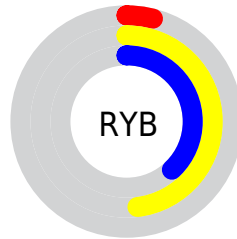
Distribution



Red (14%)

Green (48%)

Blue (4%)



Red (4%)

Yellow (48%)

Blue (38%)

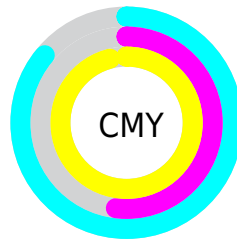


Cyan (70%)

Magenta (0%)

Yellow (91%)

Black (52%)



Cyan (86%)

Magenta (52%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.6320, -35.8076, -41.7733 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 83.6320, -35.8076, -41.7733 by changing the saturation by 10% instead.

■ 83.6320, -35.8076,
-41.7733

■ 83.6320, -35.8076,
-41.7733

255.0000, 0.0000,
0.0000

■ 56.9390, -28.0709,
-49.9355

■ 138.8820,
-34.9448, -38.4845

■ 42.2640, -20.8362,
-37.0655

■ 166.6540,
-35.8184, -38.2846

■ 28.7630, -14.1802,
-25.2252

■ 195.0130,
-36.9814, -38.5994

■ 14.6750, -7.2348,
-12.8700


■ 219.8500,
-36.4081, -35.8255


■ 0.0000, 0.0000,
0.0000


■ 231.7130,
-28.4525, -20.7963


■ 243.5760,


-20.4970, -5.7672


 252.1500,
-10.9200, 2.4994


 83.6320, -35.8076,
-41.7733


 83.6320, -35.8076,
-41.7733


 79.6870, -39.2857,
-46.2065

 87.6910, -31.8927,
-37.4400

 92.0490, -28.1252,
-32.4920

 96.2220, -23.7734,
-28.2587

 100.5800,
-20.0059, -23.3107

 104.6390,
-16.0910, -18.9774

■ 108.9970,
-12.3235, -14.0294

■ 113.0560, -8.4086,
-9.6961

■ 117.5280, -4.2043,
-4.8481

■ 121.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



96.5520, -47.6001, 7.4089



83.6320, -35.8076, -41.7733



82.9850, -4.4296, -72.7778

Triad

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



83.6320, -35.8076, -41.7733



94.3800, 57.0007, -82.7713



92.4430, -4.6554, 93.4505

Complementary

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



83.6320, -35.8076, -41.7733



49.3680, 35.8076, 41.7733

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.



99.4080, 18.5329, 75.9412



83.6320, -35.8076, -41.7733



85.1020, 62.0677, -74.6345

Square

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



83.6320, -35.8076, -41.7733



95.6560, 41.5816, -83.8903



108.0240, 37.4562, 26.2890



97.5910, -32.8294, 76.6577

Rectangle

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



83.6320, -35.8076, -41.7733



88.4910, 11.5899, -77.6066



108.0240, 37.4562, 26.2890



93.0220, 3.9332, 92.0657

Sweetspot

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



83.6320, -35.8076, -41.7733



143.2310, -13.9179, -15.9886



94.0840, -40.9604, 24.4823



70.1700, -7.9718, -9.7961



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.



83.6320, -35.8076, -41.7733



103.5100, -51.0304, -59.2063



79.5770, -19.0185, -60.1420



58.8210, -1.8838, -2.4740



81.7470, -40.3013, -47.1361



164.9670, -81.3287, -94.6871

Inverse Universe

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



49.3680, 35.8076, 41.7733



54.4900, 51.0304, 59.2063



53.4230, 19.0185, 60.1420



57.1790, 1.8838, 2.4740



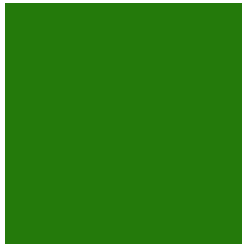
43.2530, 40.3013, 47.1361



87.3320, 81.1813, 95.3018

Previews

White Background



This preview shows how the YUV color 83.6320, -35.8076, -41.7733 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 83.6320, -35.8076, -41.7733 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 83.6320, -35.8076, -41.7733

Background



This preview shows how black text looks on a background with the YUV color 83.6320, -35.8076, -41.7733.



This preview shows how white text looks on a background with the YUV color 83.6320, -35.8076,

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

83.6320, -35.8076, -41.7733

Deuteranopia

101.3600, -36.1665, 26.8713

Tritanopia

98.5920, 12.0331, -32.9682

Trichromacy



Original Color

83.6320, -35.8076, -41.7733

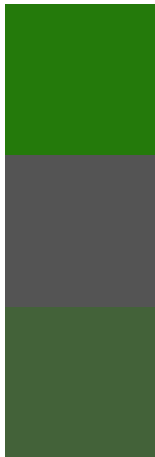
Deuteranomaly

94.9070, -35.9432, 1.8356

Tritanomaly

92.9880, -5.4171, -35.9465

Monochromacy



Original Color

83.6320, -35.8076, -41.7733

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.0570, -13.3391, -14.9590

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.6320, -35.8076, -41.7733 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(36, 122, 11)` looks like.

```
.text, #text, p{  
    color:rgb(36, 122, 11)  
}
```

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(36, 122, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 122, 11) }
```

Border

The CSS property to change the border of an element to YUV 83.6320, -35.8076, -41.7733 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(36, 122, 11) }
```

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

```
.border{ border-color:rgb(36, 122, 11) }
```

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

Here you see how a box with a 4 pixel rgb(36, 122, 11) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 122, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 122, 11);  
box-shadow:4px 4px 4px 4px rgb(36, 122,  
11) }
```


Background

The CSS property to change the background color of an element to YUV 83.6320, -35.8076, -41.7733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 122, 11) }
```

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

```
.background{ background-color: rgb(36, 122,  
11) }
```

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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