

Converting Colors

YUV(83.5410, -0.7597, -36.4315)

Have a look what the booklet for
YUV(83.5410, -0.7597, -36.4315)
contains.

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Color

**YUV(83.5410, -0.7597,
-36.4315)**

Conversions

Conversions Part 1

Format	Color
Hex	2A6952
RGB	42, 105, 82
RGB Percent	16%, 41%, 32%
CMY	0.8353, 0.5882, 0.6784
CMYK	0.60, 0.00, 0.22, 0.59
HSL	158°, 43%, 29%
HSV	158°, 60%, 41%
XYZ	7.5294, 11.2046, 9.7485
YIQ	83.5410, -30.1650, -20.5090

Conversions

Conversions Part 2

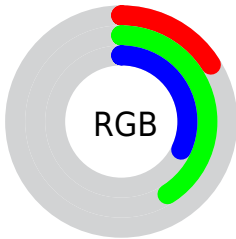
Format	Color
RYB	42, 81, 105
Decimal	2779474
CIELab	39.92, -26.31, 6.95
CIElCh	40, 27.210, 165.209
Yxy	11.2046, 0.2644, 0.3934
Android (android.graphics.Color)	4280969554 (0xFF2A6952)
YUV	83.5410, -0.7597, -36.4315
Hunter-Lab	33.4733, -18.4267, 6.1641

Details

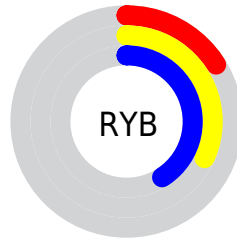
The YUV color **83.5410, -0.7597, -36.4315** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **63.4590, 0.7597, 36.4315**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.1990, -2.0701, -36.1315**, and **37.6770, -0.3338, -33.0427** is the 20% darker color. If you saturate the color by 10%, you get **80.0950, -1.0328, -42.1793**, and if you desaturate by 10%, it is **87.2860, -0.6340, -30.0688**.

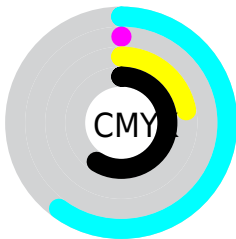
Distribution



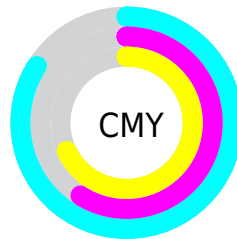
- Red (16%)
- Green (41%)
- Blue (32%)



- Red (16%)
- Yellow (32%)
- Blue (41%)



- Cyan (60%)
- Magenta (0%)
- Yellow (22%)
- Black (59%)



- Cyan (84%)
- Magenta (59%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.5410, -0.7597, -36.4315 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, -0.7597, -36.4315 by changing the saturation by 10% instead.

83.5410, -0.7597,
-36.4315

83.5410, -0.7597,
-36.4315

255.0000, 0.0000,
0.0000

57.8610, 0.5615,
-40.2201

135.1990, -2.0701,
-36.1315

37.6770, -0.3338,
-33.0427

161.7860, -2.3595,
-36.6463

23.0700, -2.9925,
-20.2324

189.3730, -2.6489,
-37.1611

0.0000, 0.0000,
0.0000

217.0740, -2.5015,
-37.7759

237.4430, 1.2606,
-31.0835

247.8240, 3.5378,

-14.7546

■ 83.5410, -0.7597,
-36.4315

■ 83.5410, -0.7597,
-36.4315

■ 80.0950, -1.0328,
-42.1793

■ 87.2860, -0.6340,
-30.0688

■ 76.3500, -1.1585,
-48.5419

■ 90.7320, -0.3609,
-24.3210

■ 72.7190, -0.8475,
-55.0046

■ 94.4770, -0.2352,
-17.9583

■ 69.2730, -1.1206,
-60.7524

■ 97.8090, -0.3988,
-12.1105

■ 101.5540, -0.2731,
-5.7479

■ 105.0000, 0.0000,
0.0000

■ 108.7450, 0.1257,
6.3626

■ 112.1910, 0.3988,
12.1105

■ 115.8220, 0.0878,
18.5731

Harmonies

Analogous

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



88.4700, -13.0497, -14.4442



83.5410, -0.7597, -36.4315



74.1920, 15.1883, -65.0664

Triad

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



83.5410, -0.7597, -36.4315



93.2430, 21.5722, -12.4911



94.3110, -14.9433, 33.0533

Complementary

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



83.5410, -0.7597, -36.4315



63.4590, 0.7597, 36.4315

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.



95.7380, -5.7868, 36.1868



83.5410, -0.7597, -36.4315



96.7470, 13.9287, 12.4999

Square

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



83.5410, -0.7597, -36.4315



84.7940, 25.7376, -41.9153



96.7400, 4.5652, 29.1690



93.3390, -20.8731, 21.6277

Rectangle

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



83.5410, -0.7597, -36.4315



75.2010, 21.5929, -65.9513



96.7400, 4.5652, 29.1690



94.7180, -12.1860, 35.3273

Sweetspot

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



83.5410, -0.7597, -36.4315



129.4990, -0.2460, -14.4696



85.8580, -21.6220, -18.2925



63.8310, -0.4097, -8.6218



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



83.5410, -0.7597, -36.4315



104.2950, -1.1314, -57.2637



81.4670, 11.6018, -34.6126



51.9780, 0.0108, -3.4887



77.1150, -1.5357, -67.6299



161.4850, -3.1971, -141.6223

Inverse Universe

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



63.4590, 0.7597, 36.4315



72.7050, 1.1314, 57.2637



65.5330, -11.6018, 34.6126



50.0220, -0.0108, 3.4887



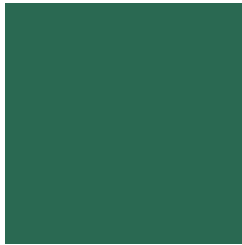
39.8850, 1.5357, 67.6299



83.4010, 2.7603, 141.7223

Previews

White Background



This preview shows how the YUV color 83.5410, -0.7597, -36.4315 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 83.5410, -0.7597, -36.4315 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 83.5410, -0.7597, -36.4315

Background



This preview shows how black text looks on a background with the YUV color 83.5410, -0.7597, -36.4315.



This preview shows how white text looks on a background with the YUV color 83.5410, -0.7597,

-36.4315.

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, -0.7597, -36.4315

Protanopia

92.8560, -8.3100, 5.3883

Deuteranopia

94.2140, -4.5425, 10.3363



Tritanopia

87.2610, 10.7173, -30.9239

Trichromacy



Original Color

83.5410, -0.7597, -36.4315

Protanomaly

89.1530, -5.4984, -9.7812

Deuteranomaly

90.1580, -3.0359, -6.2776

Tritanomaly

85.5120, 6.6496, -32.8980

Monochromacy



Original Color

83.5410, -0.7597, -36.4315

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.0970, -0.5408, -13.2401

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.5410, -0.7597, -36.4315 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(42, 105, 82)` looks like.

```
.text, #text, p{  
    color:rgb(42, 105, 82)  
}
```

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(42, 105, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 105, 82) }
```

Border

The CSS property to change the border of an element to YUV 83.5410, -0.7597, -36.4315 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(42, 105, 82) }
```


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

```
.border{ border-color:rgb(42, 105, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 105, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 105, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 105, 82);  
box-shadow:4px 4px 4px 4px rgb(42, 105,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 83.5410, -0.7597, -36.4315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 105, 82) }
```

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

```
.background{ background-color: rgb(42, 105,  
82) }
```

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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