

Converting Colors

YUV(82.6330, -0.3121, -40.0201)

Have a look what the booklet for
YUV(82.6330, -0.3121, -40.0201)
contains.

YUV(82.6330, -0.3121, -40.0201)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(82.6330, -0.3121,
-40.0201)**

Conversions

Conversions Part 1

Format	Color
Hex	256A52
RGB	37, 106, 82
RGB Percent	15%, 42%, 32%
CMY	0.8549, 0.5843, 0.6784
CMYK	0.65, 0.00, 0.23, 0.58
HSL	159°, 48%, 28%
HSV	159°, 65%, 42%
XYZ	7.4400, 11.3106, 9.7737
YIQ	82.6330, -33.4200, -22.0920

Conversions

Conversions Part 2

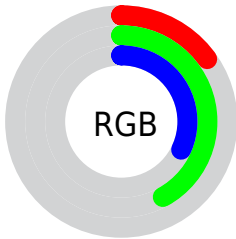
Format	Color
RYB	37, 79, 106
Decimal	2452050
CIELab	40.10, -27.92, 7.17
CIELCh	40, 28.826, 165.592
Yxy	11.3106, 0.2608, 0.3965
Android (android.graphics.Color)	4280642130 (0xFF256A52)
YUV	82.6330, -0.3121, -40.0201
Hunter-Lab	33.6312, -19.3664, 6.3114

Details

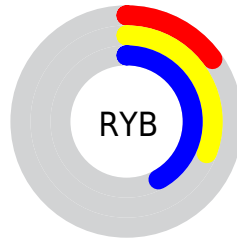
The YUV color **82.6330, -0.3121, -40.0201** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **60.3670, 0.3121, 40.0201**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.5900, -1.7699, -39.1054**, and **38.2640, -0.6232, -33.5575** is the 20% darker color. If you saturate the color by 10%, you get **78.8880, -0.4378, -46.3828**, and if you desaturate by 10%, it is **86.3780, -0.1864, -33.6575**.

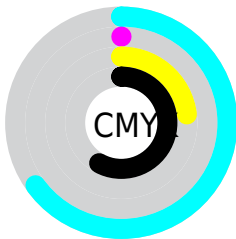
Distribution



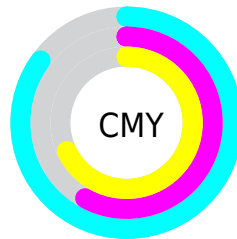
- Red (15%)
- Green (42%)
- Blue (32%)



- Red (15%)
- Yellow (31%)
- Blue (42%)



- Cyan (65%)
- Magenta (0%)
- Yellow (23%)
- Black (58%)



- Cyan (85%)
- Magenta (58%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.6330, -0.3121, -40.0201 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 82.6330, -0.3121, -40.0201 by changing the saturation by 10% instead.

82.6330, -0.3121,
-40.0201

82.6330, -0.3121,
-40.0201

255.0000, 0.0000,
0.0000

54.8710, 2.0356,
-46.3679

134.5900, -1.7699,
-39.1054

38.2640, -0.6232,
-33.5575

161.1770, -2.0593,
-39.6202

23.0700, -2.9925,
-20.2324

188.7640, -2.3487,
-40.1350

0.5870, -0.2894,
-0.5148

216.7640, -2.3487,
-40.1350

0.0000, 0.0000,
0.0000

236.5460, 1.7028,
-32.9278

246.9270, 3.9800,

-16.5990

■ 82.6330, -0.3121,
-40.0201

■ 82.6330, -0.3121,
-40.0201

■ 78.8880, -0.4378,
-46.3828

■ 86.3780, -0.1864,
-33.6575

■ 75.5560, -0.2741,
-52.2306

■ 89.7100, -0.3500,
-27.8097

■ 71.8110, -0.3998,
-58.5932

■ 93.4550, -0.2243,
-21.4470

■ 70.0880, -0.5364,
-61.4672

■ 96.9010, 0.0488,
-15.6992

■ 100.5320, -0.2623,
-9.2366

■ 104.2770, -0.1366,
-2.8739

■ 107.7230, 0.1366,
2.8739

■ 111.3540, -0.1745,
9.3365

■ 114.8000, 0.0986,
15.0844

Harmonies

Analogous

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



88.6440, -13.6285, -15.4738



82.6330, -0.3121, -40.0201



74.8930, 15.3358, -65.6812

Triad

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



82.6330, -0.3121, -40.0201



94.1720, 22.5932, -13.3058



94.6810, -16.1117, 34.4828

Complementary

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



82.6330, -0.3121, -40.0201



60.3670, 0.3121, 40.0201

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.



95.9340, -6.3765, 38.6459



82.6330, -0.3121, -40.0201



97.3880, 15.0917, 12.8147

Square

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



82.6330, -0.3121, -40.0201



83.6300, 27.7904, -47.0335



97.1640, 4.8491, 31.4282



93.4100, -21.8941, 22.4424

Rectangle

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



82.6330, -0.3121, -40.0201



76.0160, 22.1771, -66.6660



97.1640, 4.8491, 31.4282



95.0880, -13.3544, 36.7568

Sweetspot

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



82.6330, -0.3121, -40.0201



128.4880, -0.2406, -16.2140



84.6790, -23.5057, -20.7665



63.2330, -0.1149, -9.8513



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.



82.6330, -0.3121, -40.0201



101.3760, -0.6784, -62.5968



79.4990, 13.0650, -37.2716



51.9780, 0.0108, -3.4887



77.3430, -0.6621, -67.8298



162.0550, -1.0131, -142.1222

Inverse Universe

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



60.3670, 0.3121, 40.0201



66.6240, 0.6784, 62.5968



63.5010, -13.0650, 37.2716



50.0220, -0.0108, 3.4887



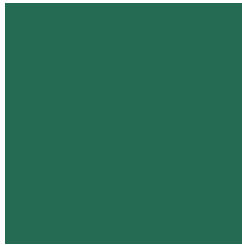
39.6570, 0.6621, 67.8298



82.9450, 1.0131, 142.1222

Previews

White Background



This preview shows how the YUV color 82.6330, -0.3121, -40.0201 looks on a white background.

Color Contrast Check

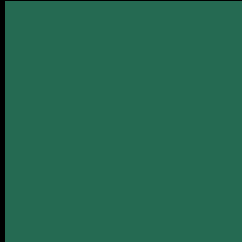
Large Text (above 18pt) WCAG AA ✓ Pass

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 82.6330, -0.3121, -40.0201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

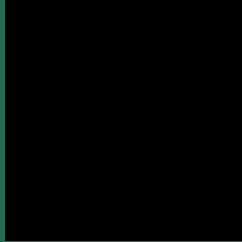
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.6330, -0.3121, -40.0201

Background



This preview shows how black text looks on a background with the YUV color 82.6330, -0.3121, -40.0201.



This preview shows how white text looks on a background with the YUV color 82.6330, -0.3121, -40.0201.

-40.0201.

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

82.6330, -0.3121, -40.0201

Protanopia

93.7420, -8.7468, 5.4883

Deuteranopia

94.8010, -4.8319, 9.8215



Tritanopia

86.7660, 11.4544, -33.9978

Trichromacy



Original Color

82.6330, -0.3121, -40.0201

Protanomaly

89.4410, -5.6404, -10.9108

Deuteranomaly

90.1470, -3.0305, -8.0219

Tritanomaly

85.0170, 7.3866, -35.9719

Monochromacy



Original Color

82.6330, -0.3121, -40.0201

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.6130, 0.1908, -14.5696

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.6330, -0.3121, -40.0201 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(37, 106, 82)` looks like.

```
.text, #text, p{  
    color:rgb(37, 106, 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(37, 106, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 106, 82) }
```

Border

The CSS property to change the border of an element to YUV 82.6330, -0.3121, -40.0201 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(37, 106, 82) }
```


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

```
.border{ border-color:rgb(37, 106, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 106, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 106, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 106, 82);  
box-shadow:4px 4px 4px 4px rgb(37, 106,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 82.6330, -0.3121, -40.0201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 106, 82) }
```

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

```
.background{ background-color: rgb(37, 106,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor