

Converting Colors

YUV(83.5330, 8.1182, -37.3014)

Have a look what the booklet for
YUV(83.5330, 8.1182, -37.3014)
contains.

YUV(83.5330, 8.1182, -37.3014)	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(83.5330, 8.1182,
-37.3014)**

Conversions

Conversions Part 1

Format	Color
Hex	296664
RGB	41, 102, 100
RGB Percent	16%, 40%, 39%
CMY	0.8392, 0.6000, 0.6078
CMYK	0.60, 0.00, 0.02, 0.60
HSL	178°, 43%, 28%
HSV	178°, 60%, 40%
XYZ	7.9661, 10.8943, 13.7395
YIQ	83.5330, -35.7140, -13.5540

Conversions

Conversions Part 2

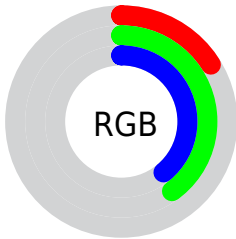
Format	Color
RYB	41, 72, 102
Decimal	2713188
CIELab	39.40, -19.99, -4.79
CIElCh	39, 20.556, 193.490
Yxy	10.8943, 0.2444, 0.3342
Android (android.graphics.Color)	4280903268 (0xFF296664)
YUV	83.5330, 8.1182, -37.3014
Hunter-Lab	33.0065, -14.6805, -1.5760

Details

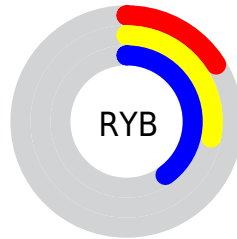
The YUV color **83.5330, 8.1182, -37.3014** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **59.4670, -8.1182, 37.3014**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.1310, 7.8234, -36.0719**, and **38.3270, 7.2338, -33.6128** is the 20% darker color. If you saturate the color by 10%, you get **80.5430, 9.5923, -43.4492**, and if you desaturate by 10%, it is **86.5230, 6.6442, -31.1537**.

Distribution



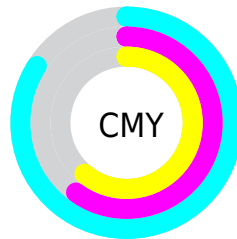
- Red (16%)
- Green (40%)
- Blue (39%)



- Red (16%)
- Yellow (28%)
- Blue (40%)



- Cyan (60%)
- Magenta (0%)
- Yellow (2%)
- Black (60%)



- Cyan (84%)
- Magenta (60%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.5330, 8.1182, -37.3014 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 83.5330, 8.1182, -37.3014 by changing the saturation by 10% instead.

83.5330, 8.1182,
-37.3014

83.5330, 8.1182,
-37.3014

255.0000, 0.0000,
0.0000

57.1410, 9.2975,
-42.2197

135.1310, 7.8234,
-36.0719

38.3270, 7.2338,
-33.6128

161.7180, 7.5340,
-36.5867

23.0190, 4.4276,
-20.1877

189.4190, 7.6814,
-37.2015

1.0260, 3.9312,
-0.8998

217.1200, 7.8288,
-37.8162

0.0000, 0.0000,
0.0000

239.4520, 7.6652,
-31.9684

247.8240, 3.5378,

-14.7546

■ 83.5330, 8.1182,
-37.3014

■ 83.5330, 8.1182,
-37.3014

■ 80.5430, 9.5923,
-43.4492

■ 86.5230, 6.6442,
-31.1537

■ 77.4390, 10.6296,
-49.4970

■ 89.6270, 5.6069,
-25.1059

■ 74.1500, 12.2511,
-56.2595

■ 92.9160, 3.9854,
-18.3433

■ 71.1600, 13.7251,
-62.4073

■ 95.9060, 2.5113,
-12.1956

■ 99.0100, 1.4741,
-6.1478

■ 102.0000, 0.0000,
0.0000

■ 104.9900, -1.4741,
6.1478

■ 108.3930, -2.6587,
12.8103

■ 111.3830, -4.1328,
18.9581

Harmonies

Analogous

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



86.0910, -1.5239, -24.6358



83.5330, 8.1182, -37.3014



83.7590, 15.4018, -40.1306

Triad

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



83.5330, 8.1182, -37.3014



95.2150, 10.7400, 8.5814



92.9840, -15.7681, 17.5540

Complementary

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



83.5330, 8.1182, -37.3014



59.4670, -8.1182, 37.3014

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.



93.5920, -11.1379, 25.7908



83.5330, 8.1182, -37.3014



95.1690, 3.8607, 21.7768

Square

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



83.5330, 8.1182, -37.3014



92.7720, 15.8884, -9.4470



94.4380, -4.1599, 27.6799



91.0210, -15.2934, 5.2436

Rectangle

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



83.5330, 8.1182, -37.3014



86.6720, 17.4167, -33.0383



94.4380, -4.1599, 27.6799



93.2340, -14.9054, 20.8428

Sweetspot

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



83.5330, 8.1182, -37.3014



125.7100, 3.1010, -14.6547



77.4050, -17.9477, -30.1732



61.8140, 2.0637, -8.6069



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



83.5330, 8.1182, -37.3014



103.8400, 12.4039, -58.6187



67.3250, 17.0948, -23.0870



49.5050, 0.7370, -3.0739



80.1590, 15.2046, -70.2994



168.7300, 32.1781, -147.9762

Inverse Universe

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



59.4670, -8.1182, 37.3014



66.0460, -12.8407, 58.7187



75.6750, -17.0948, 23.0870



47.4950, -0.7370, 3.0739



34.8410, -15.2046, 70.2994



73.2700, -32.1781, 147.9762

Previews

White Background



This preview shows how the YUV color 83.5330, 8.1182, -37.3014 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 83.5330, 8.1182, -37.3014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

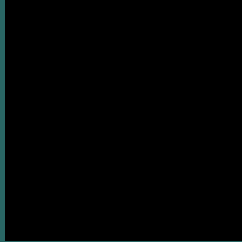
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

YUV 83.5330, 8.1182, -37.3014

Background



This preview shows how black text looks on a background with the YUV color 83.5330, 8.1182, -37.3014.



This preview shows how white text looks on a background with the YUV color 83.5330, 8.1182, -37.3014.

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

83.5330, 8.1182, -37.3014

Protanopia

92.8260, 0.5788, 1.0296

Deuteranopia

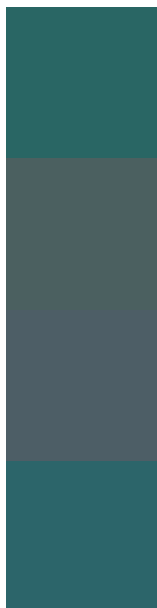
93.5750, 4.6465, 3.0037



Tritanopia

85.1680, 11.7492, -35.2273

Trichromacy



Original Color

83.5330, 8.1182, -37.3014

Protanomaly

89.7210, 3.0955, -12.9103

Deuteranomaly

89.8290, 6.0003, -11.2510

Tritanomaly

84.5270, 10.5862, -35.5422

Monochromacy



Original Color

83.5330, 8.1182, -37.3014

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.0090, 2.9536, -14.0399

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.5330, 8.1182, -37.3014 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(41, 102, 100)` looks like.

```
.text, #text, p{  
    color:rgb(41, 102, 100)  
}
```

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(41, 102, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 102, 100) }
```

Border

The CSS property to change the border of an element to YUV 83.5330, 8.1182, -37.3014 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(41, 102, 100) }
```


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

```
.border{ border-color:rgb(41, 102, 100) }
```

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

Here you see how a box with a 4 pixel rgb(41, 102, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 102, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 102, 100);  
box-shadow:4px 4px 4px 4px rgb(41, 102,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 83.5330, 8.1182, -37.3014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 102, 100) }
```

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

```
.background{ background-color: rgb(41, 102,  
100) }
```

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