

Converting Colors

YUV(81.3850, -0.6828, -14.3696)

Have a look what the booklet for
YUV(81.3850, -0.6828, -14.3696)
contains.

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Color

**YUV(81.3850, -0.6828,
-14.3696)**

Conversions

Conversions Part 1

Format	Color
Hex	415A50
RGB	65, 90, 80
RGB Percent	25%, 35%, 31%
CMY	0.7451, 0.6471, 0.6863
CMYK	0.28, 0.00, 0.11, 0.65
HSL	156°, 16%, 30%
HSV	156°, 28%, 35%
XYZ	7.2841, 9.0153, 8.9456
YIQ	81.3850, -11.6900, -8.4100

Conversions

Conversions Part 2

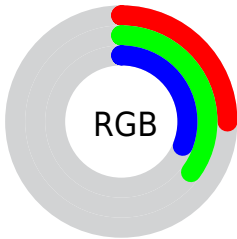
Format	Color
RYB	65, 81, 90
Decimal	4282960
CIELab	36.01, -11.82, 2.73
CIElCh	36, 12.128, 166.975
Yxy	9.0153, 0.2885, 0.3571
Android (android.graphics.Color)	4282473040 (0xFF415A50)
YUV	81.3850, -0.6828, -14.3696
Hunter-Lab	30.0255, -9.2411, 3.3534

Details

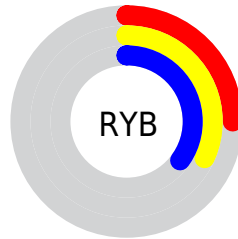
The YUV color **81.3850, -0.6828, -14.3696** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **73.6150, 0.6828, 14.3696**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.6730, -0.8248, -15.4992**, and **36.2110, -0.1040, -13.3400** is the 20% darker color. If you saturate the color by 10%, you get **78.2380, -1.1033, -19.5027**, and if you desaturate by 10%, it is **84.5320, -0.2623, -9.2366**.

Distribution



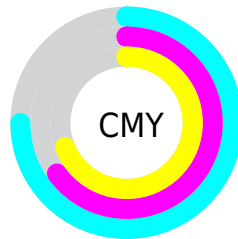
- Red (25%)
- Green (35%)
- Blue (31%)



- Red (25%)
- Yellow (32%)
- Blue (35%)



- Cyan (28%)
- Magenta (0%)
- Yellow (11%)
- Black (65%)



- Cyan (75%)
- Magenta (65%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.3850, -0.6828, -14.3696 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 81.3850, -0.6828, -14.3696 by changing the saturation by 10% instead.

81.3850, -0.6828,
-14.3696

81.3850, -0.6828,
-14.3696

255.0000, 0.0000,
0.0000

57.7980, -0.3934,
-13.8548

130.6730, -0.8248,
-15.4992

36.2110, -0.1040,
-13.3400

157.2600, -1.1142,
-16.0140

15.6840, -0.8302,
-13.7549

184.2600, -1.1142,
-16.0140

0.0000, 0.0000,
0.0000

211.9610, -0.9668,
-16.6288

239.9610, -0.9668,
-16.6288

253.5050, 0.7370,

-3.0739

■ 81.3850, -0.6828,
-14.3696

■ 81.3850, -0.6828,
-14.3696

■ 78.2380, -1.1033,
-19.5027

■ 84.5320, -0.2623,
-9.2366

■ 75.2050, -1.0871,
-24.7358

■ 87.5650, -0.2785,
-4.0035

■ 72.0580, -1.5076,
-29.8689

■ 90.7120, 0.1420,
1.1296

■ 69.0250, -1.4913,
-35.1019

■ 93.7450, 0.1257,
6.3626

■ 65.8780, -1.9119,
-40.2350

■ 96.8920, 0.5462,
11.4957

■ 62.7310, -2.3324,
-45.3681

■ 100.0390, 0.9668,
16.6288

■ 59.6980, -2.3161,
-50.6011

■ 103.0720, 0.9505,
21.8619

■ 58.9860, -2.4581,
-51.7307

■ 106.2190, 1.3710,
26.9949

■ 109.2520, 1.3548,
32.2280

Harmonies

Analogous

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



82.1750, -5.5093, -6.2925



81.3850, -0.6828, -14.3696



80.7310, 4.5696, -19.0581

Triad

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



81.3850, -0.6828, -14.3696



85.2690, 8.7414, -3.7439



85.8510, -7.3215, 15.0397

Complementary

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



81.3850, -0.6828, -14.3696



73.6150, 0.6828, 14.3696

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.



86.1870, -3.5432, 16.4990



81.3850, -0.6828, -14.3696



85.9390, 5.9461, 6.1925

Square

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



81.3850, -0.6828, -14.3696



83.1430, 9.7895, -13.2804



86.4300, 1.2670, 13.6549



84.9490, -9.3419, 9.6917

Rectangle

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



81.3850, -0.6828, -14.3696



81.1160, 7.3378, -20.2727



86.4300, 1.2670, 13.6549



85.7910, -6.3060, 15.9693

Sweetspot

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



81.3850, -0.6828, -14.3696



113.9670, 0.0163, -5.2331



82.6650, -8.7088, -6.7222



56.8640, -0.4260, -3.3887



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



81.3850, -0.6828, -14.3696



103.9280, -0.9505, -21.8619



81.3510, 4.2640, -14.3398



44.2770, -0.1366, -2.8739



72.0940, -3.0043, -63.2264



155.3070, -6.5604, -136.2042

Inverse Universe

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



73.6150, 0.6828, 14.3696



92.0720, 0.9505, 21.8619



74.2360, -4.5533, 13.8250



42.7230, 0.1366, 2.8739



37.9060, 3.0043, 63.2264



81.6930, 6.5604, 136.2042

Previews

White Background



This preview shows how the YUV color 81.3850, -0.6828, -14.3696 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 ✓ Pass

Black Background



This preview shows how the YUV color 81.3850, -0.6828, -14.3696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

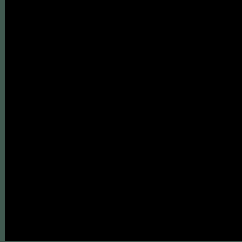
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.3850, -0.6828, -14.3696

Background



This preview shows how black text looks on a background with the YUV color 81.3850, -0.6828, -14.3696.



This preview shows how white text looks on a background with the YUV color 81.3850, -0.6828,

-14.3696.

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

81.3850, -0.6828, -14.3696

Protanopia

84.3980, -3.6472, 3.1590

Deuteranopia

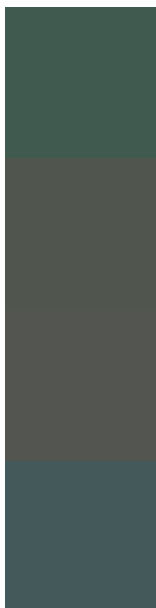
85.5880, -1.7689, 7.3773



Tritanopia

82.8180, 6.0057, -12.9954

Trichromacy



Original Color

81.3850, -0.6828, -14.3696

Protanomaly

83.2940, -2.6099, -2.8888

Deuteranomaly

83.9460, -1.4524, -0.8296

Tritanomaly

82.5360, 3.6798, -13.6251

Monochromacy



Original Color

81.3850, -0.6828, -14.3696

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.9670, 0.0163, -5.2331

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.3850, -0.6828, -14.3696 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(65, 90, 80)` looks like.

```
.text, #text, p{  
    color:rgb(65, 90, 80)  
}
```

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(65, 90, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 90, 80) }
```

Border

The CSS property to change the border of an element to YUV 81.3850, -0.6828, -14.3696 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(65, 90, 80) }
```


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

```
.border{ border-color:rgb(65, 90, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 90, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 90, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 90, 80);  
box-shadow:4px 4px 4px 4px rgb(65, 90, 80)  
}
```

Background

The CSS property to change the background color of an element to YUV 81.3850, -0.6828, -14.3696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 90, 80) }
```

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

```
.background{ background-color: rgb(65, 90,  
80) }
```

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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