

Converting Colors

YUV(81.8040, -2.8614, -15.6141)

Have a look what the booklet for
YUV(81.8040, -2.8614, -15.6141)
contains.

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Color

**YUV(81.8040, -2.8614,
-15.6141)**

Conversions

Conversions Part 1

Format	Color
Hex	405C4C
RGB	64, 92, 76
RGB Percent	25%, 36%, 30%
CMY	0.7490, 0.6392, 0.7020
CMYK	0.30, 0.00, 0.17, 0.64
HSL	146°, 18%, 31%
HSV	146°, 30%, 36%
XYZ	7.2460, 9.2661, 8.2441
YIQ	81.8040, -11.5520, -10.9120

Conversions

Conversions Part 2

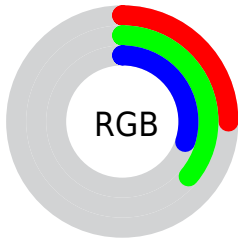
Format	Color
RYB	64, 84, 92
Decimal	4217932
CIELab	36.49, -14.25, 5.89
CIElCh	36, 15.417, 157.531
Yxy	9.2661, 0.2927, 0.3743
Android (android.graphics.Color)	4282408012 (0xFF405C4C)
YUV	81.8040, -2.8614, -15.6141
Hunter-Lab	30.4402, -10.7802, 5.2507

Details


The YUV color **81.8040, -2.8614, -15.6141** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **74.1960, 2.8614, 15.6141**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.3910, -3.1508, -16.1289**, and **36.3310, -2.1352, -15.1993** is the 20% darker color. If you saturate the color by 10%, you get **78.5430, -3.7187, -20.6472**, and if you desaturate by 10%, it is **85.0650, -2.0040, -10.5810**.

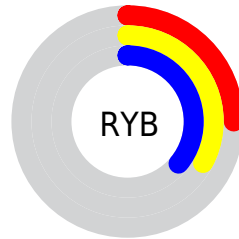
Distribution



 Red (25%)

 Green (36%)

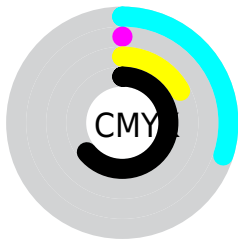
 Blue (30%)




 Red (25%)

 Yellow (33%)

 Blue (36%)

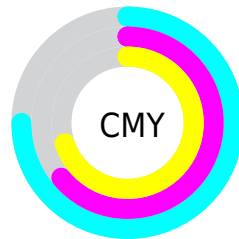



 Cyan (30%)


 Magenta (0%)

 Yellow (17%)

 Black (64%)



 Cyan (75%)

 Magenta (64%)

 Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.8040, -2.8614, -15.6141 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 81.8040, -2.8614, -15.6141 by changing the saturation by 10% instead.

81.8040, -2.8614,
-15.6141

81.8040, -2.8614,
-15.6141

255.0000, 0.0000,
0.0000

58.2170, -2.5720,
-15.0993

131.3910, -3.1508,
-16.1289

36.3310, -2.1352,
-15.1993

157.6790, -3.2927,
-17.2585

16.2880, -3.5930,
-14.2846

184.5650, -3.7295,
-17.1585

0.0000, 0.0000,
0.0000

212.2660, -3.5821,
-17.7733

240.8530, -3.8715,
-18.2881

253.2060, 0.8844,

-3.6887

■ 81.8040, -2.8614,
-15.6141

■ 81.8040, -2.8614,
-15.6141

■ 78.5430, -3.7187,
-20.6472

■ 85.0650, -2.0040,
-10.5810

■ 75.1680, -5.0128,
-25.5803

■ 88.4400, -0.7099,
-5.6479

■ 71.6080, -5.7227,
-31.2282

■ 92.0000, 0.0000,
0.0000

■ 68.3470, -6.5801,
-36.2613

■ 95.2610, 0.8573,
5.0331

■ 65.0860, -7.4374,
-41.2944

■ 98.5220, 1.7147,
10.0662

■ 61.7110, -8.7315,
-46.2275

■ 101.8970, 3.0088,
14.9993

■ 58.4500, -9.5888,
-51.2606

■ 105.1580, 3.8661,
20.0324

■ 108.7180, 4.5760,
25.6803

■ 111.9790, 5.4334,
30.7134

Harmonies

Analogous

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



83.6760, -8.7143, -4.9779



81.8040, -2.8614, -15.6141



80.5840, 4.1491, -24.1912

Triad

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



81.8040, -2.8614, -15.6141



85.4470, 12.1046, -9.1620



86.7700, -7.7746, 20.3727

Complementary

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



81.8040, -2.8614, -15.6141



74.1960, 2.8614, 15.6141

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.



87.8500, -2.3911, 20.3025



81.8040, -2.8614, -15.6141



87.6120, 8.5723, 3.8483

Square

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



81.8040, -2.8614, -15.6141



82.7830, 12.4320, -20.8577



87.8260, 4.0298, 14.1846



86.1130, -11.3947, 14.8099

Rectangle

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



81.8040, -2.8614, -15.6141



80.3000, 8.2331, -27.4501



87.8260, 4.0298, 14.1846



87.5250, -6.1748, 20.5876

Sweetspot

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



81.8040, -2.8614, -15.6141



116.0270, -0.9993, -6.1627



85.2200, -10.4615, -4.5779



58.4510, -0.7153, -3.9035



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



81.8040, -2.8614, -15.6141



103.9940, -4.4340, -24.5507



83.4000, 3.2538, -17.0138



44.1630, -0.5734, -2.7740



69.9280, -11.3035, -61.3269



150.7470, -24.0323, -132.2051

Inverse Universe

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



74.1960, 2.8614, 15.6141



92.0060, 4.4340, 24.5507



72.6000, -3.2538, 17.0138



42.8370, 0.5734, 2.7740



40.0720, 11.3035, 61.3269



86.3670, 24.4691, 132.1051

Previews

White Background



This preview shows how the YUV color 81.8040, -2.8614, -15.6141 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 81.8040, -2.8614, -15.6141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

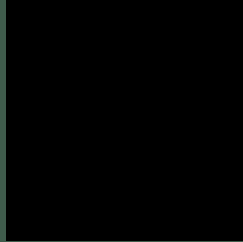
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.8040, -2.8614, -15.6141

Background



This preview shows how black text looks on a background with the YUV color 81.8040, -2.8614, -15.6141.



This preview shows how white text looks on a background with the YUV color 81.8040, -2.8614, -15.6141.

-15.6141.

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

81.8040, -2.8614, -15.6141

Protanopia

85.1270, -5.9786, 4.2736

Deuteranopia

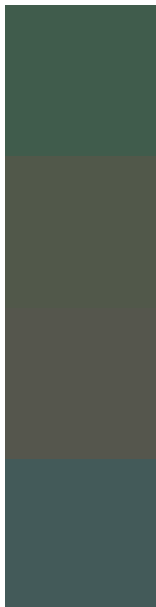
86.6160, -4.2477, 9.1068



Tritanopia

83.5190, 6.1531, -13.6102

Trichromacy



Original Color

81.8040, -2.8614, -15.6141

Protanomaly

84.3110, -5.0833, -2.9037

Deuteranomaly

84.6750, -3.7838, 0.2850

Tritanomaly

83.0090, 2.9536, -14.0399

Monochromacy



Original Color

81.8040, -2.8614, -15.6141

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.0270, -0.9993, -6.1627

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.8040, -2.8614, -15.6141 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(64, 92, 76)` looks like.

```
.text, #text, p{  
    color:rgb(64, 92, 76)  
}
```

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(64, 92, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 92, 76) }
```

Border

The CSS property to change the border of an element to YUV 81.8040, -2.8614, -15.6141 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(64, 92, 76) }
```


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

```
.border{ border-color:rgb(64, 92, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 92, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 92, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 92, 76);  
box-shadow:4px 4px 4px 4px rgb(64, 92, 76)  
}
```

Background

The CSS property to change the background color of an element to YUV 81.8040, -2.8614, -15.6141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 92, 76) }
```

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

```
.background{ background-color: rgb(64, 92,  
76) }
```

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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