

Converting Colors

YUV(61.5880, 4.6401, -41.7347)

Have a look what the booklet for
YUV(61.5880, 4.6401, -41.7347)
contains.

YUV(61.5880, 4.6401, -41.7347)	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(61.5880, 4.6401,
-41.7347)**

Conversions

Conversions Part 1

Format	Color
Hex	0E5447
RGB	14, 84, 71
RGB Percent	5%, 33%, 28%
CMY	0.9451, 0.6706, 0.7216
CMYK	0.83, 0.00, 0.15, 0.67
HSL	169°, 71%, 19%
HSV	169°, 83%, 33%
XYZ	4.4888, 6.8889, 7.0544
YIQ	61.5880, -37.5470, -18.8830

Conversions

Conversions Part 2

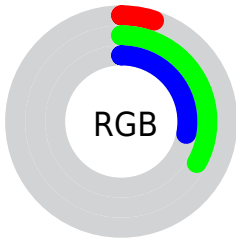
Format	Color
R_{YB}	14, 53, 84
Decimal	939079
CIE Lab	31.55, -24.24, 1.66
CIE LCh	32, 24.295, 176.081
Yxy	6.8889, 0.2435, 0.3737
Android (android.graphics.Color)	4279129159 (0xFF0E5447)
YUV	61.5880, 4.6401, -41.7347
Hunter-Lab	26.2468, -15.4046, 2.4374

Details

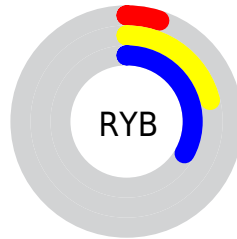
The YUV color **61.5880, 4.6401, -41.7347** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **36.4120, -4.6401, 41.7347**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.4530, 2.7347, -37.2313**, and **25.4980, 1.2335, -22.3617** is the 20% darker color. If you saturate the color by 10%, you get **58.9680, 4.9458, -46.4529**, and if you desaturate by 10%, it is **64.2080, 4.3345, -37.0164**.

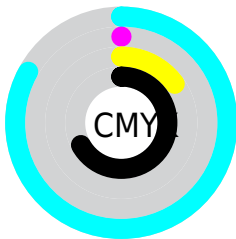
Distribution



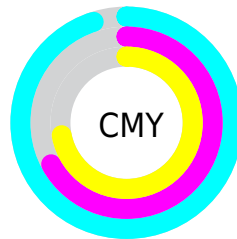
- Red (5%)
- Green (33%)
- Blue (28%)



- Red (5%)
- Yellow (21%)
- Blue (33%)



- Cyan (83%)
- Magenta (0%)
- Yellow (15%)
- Black (67%)



- Cyan (95%)
- Magenta (67%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.5880, 4.6401, -41.7347 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 61.5880, 4.6401, -41.7347 by changing the saturation by 10% instead.

61.5880, 4.6401,
-41.7347

61.5880, 4.6401,
-41.7347

255.0000, 0.0000,
0.0000

40.8060, 4.0396,
-35.7869

113.4530, 2.7347,
-37.2313

25.4980, 1.2335,
-22.3617

140.0400, 2.4453,
-37.7461

6.5710, -2.7465,
-5.7628

166.6270, 2.1559,
-38.2609

0.0000, 0.0000,
0.0000

194.3280, 2.3033,
-38.8757

222.3280, 2.3033,
-38.8757

240.3490, 7.2229,

-30.1241

■ 249.0200, 2.9481,
-12.2955

■ 61.5880, 4.6401,
-41.7347

■ 61.5880, 4.6401,
-41.7347

■ 58.9680, 4.9458,
-46.4529

■ 64.2080, 4.3345,
-37.0164

■ 57.0600, 5.3934,
-50.0416

■ 67.0130, 3.4446,
-31.5834

■ 69.6330, 3.1389,
-26.8651

■ 72.4380, 2.2491,
-21.4321

■ 75.0580, 1.9434,
-16.7139

■ 77.5640, 1.2009,
-11.8956

■ 80.4830, 0.7479,
-6.5626

■ 82.9890, 0.0054,
-1.7444

■ 85.9080, -0.4476,
3.5887

Harmonies

Analogous

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



68.1150, -7.9447, -18.5179



61.5880, 4.6401, -41.7347



59.5680, 15.0030, -52.2411

Triad

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



61.5880, 4.6401, -41.7347



74.9300, 16.3035, -2.5696



74.4410, -15.5004, 25.0462

Complementary

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



61.5880, 4.6401, -41.7347



36.4120, -4.6401, 41.7347

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.



74.8360, -7.8071, 30.8388



61.5880, 4.6401, -41.7347



76.6290, 9.5499, 16.9884

Square

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



61.5880, 4.6401, -41.7347



69.6280, 20.8894, -26.8608



75.8170, 1.0762, 28.2245



72.6800, -18.0832, 13.4356

Rectangle

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



61.5880, 4.6401, -41.7347



60.2350, 20.0971, -52.8261



75.8170, 1.0762, 28.2245



74.1470, -12.8905, 27.9351

Sweetspot

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



61.5880, 4.6401, -41.7347



101.0580, 1.9434, -16.7139



59.2760, -22.3211, -27.4291



50.5750, 1.1955, -10.1513



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



61.5880, 4.6401, -41.7347



74.7160, 7.0420, -65.5259



50.7430, 16.3957, -32.2236



39.6900, 0.1528, -2.3591



71.3250, 6.7418, -62.5520



157.7300, 15.4161, -138.3292

Inverse Universe

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



36.4120, -4.6401, 41.7347



35.1700, -7.4788, 65.6259



47.2570, -16.3957, 32.2236



38.1960, -0.5896, 2.4591



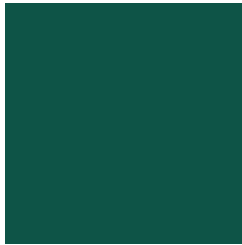
33.5610, -7.1786, 62.6520



74.2700, -15.4161, 138.3292

Previews

White Background



This preview shows how the YUV color 61.5880, 4.6401, -41.7347 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 61.5880, 4.6401, -41.7347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

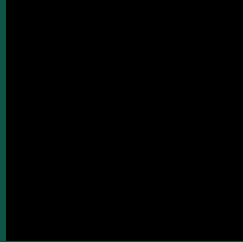
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.5880, 4.6401, -41.7347

Background



This preview shows how black text looks on a background with the YUV color 61.5880, 4.6401, -41.7347.



This preview shows how white text looks on a background with the YUV color 61.5880, 4.6401, -41.7347.

-41.7347.

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

61.5880, 4.6401, -41.7347

Protanopia

73.9850, -3.9366, 2.6442

Deuteranopia

74.9190, -0.4531, 5.3330



Tritanopia

66.2390, 10.7282, -34.4126

Trichromacy



Original Color

61.5880, 4.6401, -41.7347

Protanomaly

69.6840, -0.8302, -13.7549

Deuteranomaly

69.9770, 1.4903, -11.3808

Tritanomaly

64.6470, 8.5550, -37.4014

Monochromacy



Original Color

61.5880, 4.6401, -41.7347

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.9550, 1.5012, -14.8695

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.5880, 4.6401, -41.7347 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(14, 84, 71)` looks like.

```
.text, #text, p{  
    color:rgb(14, 84, 71)  
}
```

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(14, 84, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 84, 71) }
```

Border

The CSS property to change the border of an element to YUV 61.5880, 4.6401, -41.7347 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(14, 84, 71) }
```


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

```
.border{ border-color:rgb(14, 84, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 84, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 84, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 84, 71);  
box-shadow:4px 4px 4px 4px rgb(14, 84, 71)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.5880, 4.6401, -41.7347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 84, 71) }
```

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

```
.background{ background-color: rgb(14, 84,  
71) }
```

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