

Converting Colors

YUV(41.8860, -3.8878, -13.0550)

Have a look what the booklet for
YUV(41.8860, -3.8878, -13.0550)
contains.

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Color

**YUV(41.8860, -3.8878,
-13.0550)**

Conversions

Conversions Part 1

Format	Color
Hex	1B3322
RGB	27, 51, 34
RGB Percent	11%, 20%, 13%
CMY	0.8941, 0.8000, 0.8667
CMYK	0.47, 0.00, 0.33, 0.80
HSL	138°, 31%, 15%
HSV	138°, 47%, 20%
XYZ	1.9246, 2.7162, 1.9362
YIQ	41.8860, -8.8470, -10.3750

Conversions

Conversions Part 2

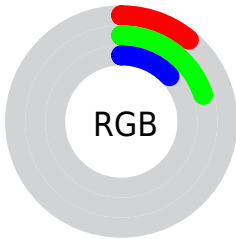
Format	Color
RYB	27, 46, 51
Decimal	1782562
CIELab	18.87, -14.02, 7.92
CIElCh	19, 16.099, 150.545
Yxy	2.7162, 0.2926, 0.4130
Android (android.graphics.Color)	4279972642 (0xFF1B3322)
YUV	41.8860, -3.8878, -13.0550
Hunter-Lab	16.4808, -7.9969, 4.5710

Details

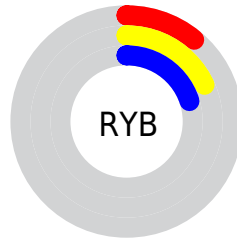
The YUV color **41.8860, -3.8878, -13.0550** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **36.1140, 3.8878, 13.0550**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.9460, -4.9034, -13.9846**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **39.9350, -4.8980, -15.7290**, and if you desaturate by 10%, it is **43.8370, -2.8776, -10.3810**.

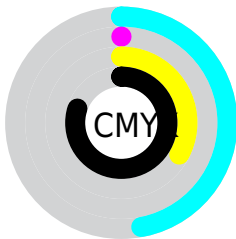
Distribution



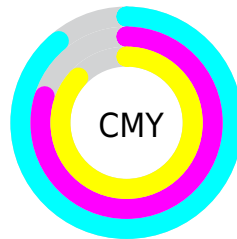
- Red (11%)
- Green (20%)
- Blue (13%)



- Red (11%)
- Yellow (18%)
- Blue (20%)



- Cyan (47%)
- Magenta (0%)
- Yellow (33%)
- Black (80%)



- Cyan (89%)
- Magenta (80%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.8860, -3.8878, -13.0550 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 41.8860, -3.8878, -13.0550 by changing the saturation by 10% instead.

■ 41.8860, -3.8878,
-13.0550

■ 41.8860, -3.8878,
-13.0550

255.0000, 0.0000,
0.0000

■ 20.4730, -4.1772,
-13.5698

■ 87.9460, -4.9034,
-13.9846

■ 0.0000, 0.0000,
0.0000

■ 112.5330, -5.1928,
-14.4994

■ 137.5330, -5.1928,
-14.4994

■ 164.1200, -5.4822,
-15.0142

■ 191.1200, -5.4822,
-15.0142

■ 219.4080, -5.6241,

-16.1438

■ 245.0600, -4.4666,
-14.0846

■ 41.8860, -3.8878,
-13.0550

■ 41.8860, -3.8878,
-13.0550

■ 39.9350, -4.8980,
-15.7290

■ 43.8370, -2.8776,
-10.3810

■ 38.0980, -5.4713,
-18.5029

■ 45.6740, -2.3043,
-7.6071

■ 36.1470, -6.4815,
-21.1769

■ 47.6250, -1.2941,
-4.9331

■ 34.3100, -7.0548,
-23.9509

■ 49.4620, -0.7208,
-2.1592

■ 32.3590, -8.0650,
-26.6248

■ 51.7120, 0.1420,
1.1296

■ 31.6470, -8.2070,
-27.7544

■ 53.6630, 1.1521,
3.8035

■ 55.5000, 1.7255,
6.5775

■ 57.4510, 2.7357,
9.2515

■ 59.4020, 3.7458,
11.9254

Harmonies

Analogous

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



43.8720, -9.3039, -2.5187



41.8860, -3.8878, -13.0550



38.7580, 3.5703, -25.2208

Triad

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



41.8860, -3.8878, -13.0550



44.1260, 12.2629, -13.2655



46.6280, -5.7326, 18.7432

Complementary

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



41.8860, -3.8878, -13.0550



36.1140, 3.8878, 13.0550

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.



47.2950, -0.6384, 18.1583



41.8860, -3.8878, -13.0550



46.8180, 9.4567, 0.1596

Square

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



41.8860, -3.8878, -13.0550



38.6680, 13.4747, -28.6498



47.7440, 5.0562, 11.6255



45.8680, -9.7949, 15.0248

Rectangle

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



41.8860, -3.8878, -13.0550



36.6800, 8.5388, -32.1684



47.7440, 5.0562, 11.6255



46.6820, -4.2802, 19.5729

Sweetspot

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



41.8860, -3.8878, -13.0550



62.6250, -1.2941, -4.9331



46.1710, -9.4513, -1.9040



31.0490, -1.0102, -2.6740



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



41.8860, -3.8878, -13.0550



51.9730, -5.9027, -20.1473



43.2540, 1.3538, -14.2548



24.8750, -0.4314, -1.6444



55.2070, -14.3991, -48.4165



134.5610, -35.2796, -118.0100

Inverse Universe

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



36.1140, 3.8878, 13.0550



43.0270, 5.9027, 20.1473



34.7460, -1.3538, 14.2548



24.1250, 0.4314, 1.6444



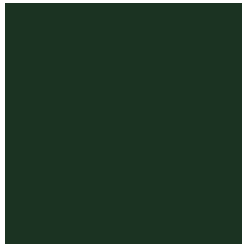
33.7930, 14.3991, 48.4165



82.4390, 35.2796, 118.0100

Previews

White Background



This preview shows how the YUV color 41.8860, -3.8878, -13.0550 looks on a white background.

Color Contrast Check

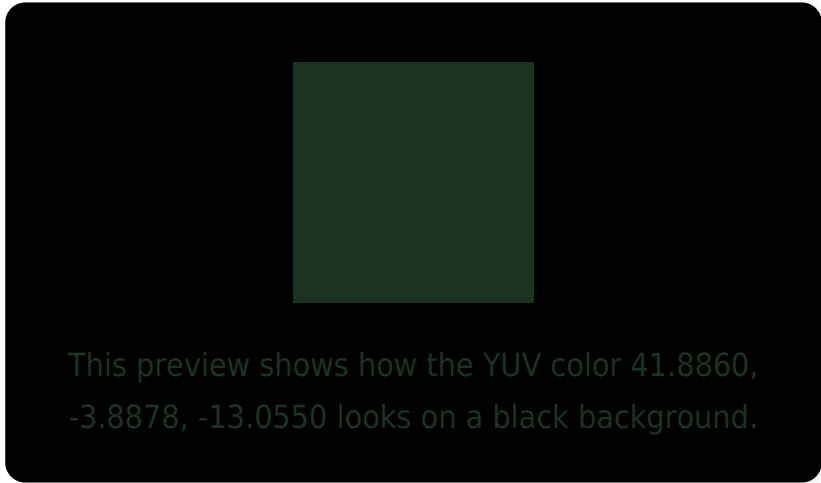
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

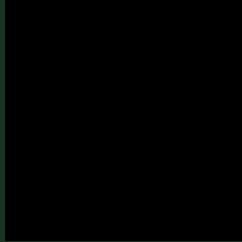
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.8860, -3.8878, -13.0550

Background



This preview shows how black text looks on a background with the YUV color 41.8860, -3.8878, -13.0550.



This preview shows how white text looks on a background with the YUV color 41.8860, -3.8878,

-13.0550.

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

41.8860, -3.8878, -13.0550

Protanopia

45.6000, -6.7048, 3.8588

Deuteranopia

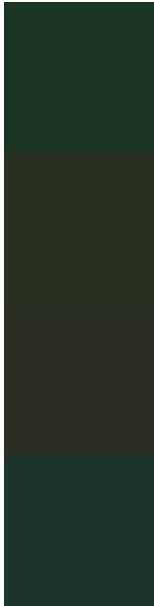
46.0780, -4.9685, 6.9476



Tritanopia

44.0740, 4.4005, -11.4659

Trichromacy



Original Color

41.8860, -3.8878, -13.0550

Protanomaly

44.4960, -5.6675, -2.1890

Deuteranomaly

44.7350, -4.7994, -0.6446

Tritanomaly

43.5640, 1.2009, -11.8956

Monochromacy



Original Color

41.8860, -3.8878, -13.0550

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.9240, -1.4415, -4.3183

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.8860, -3.8878, -13.0550 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(27, 51, 34)` looks like.

```
.text, #text, p{  
    color:rgb(27, 51, 34)  
}
```

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(27, 51, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 51, 34) }
```

Border

The CSS property to change the border of an element to YUV 41.8860, -3.8878, -13.0550 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(27, 51, 34) }
```


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

```
.border{ border-color:rgb(27, 51, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 51, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 51, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 51, 34);  
box-shadow:4px 4px 4px 4px rgb(27, 51, 34)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.8860, -3.8878, -13.0550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 51, 34) }
```

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

```
.background{ background-color: rgb(27, 51,  
34) }
```

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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