

Converting Colors

YUV(77.8860, -3.8878, -13.0550)

Have a look what the booklet for
YUV(77.8860, -3.8878, -13.0550)
contains.

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Color

**YUV(77.8860, -3.8878,
-13.0550)**

Conversions

Conversions Part 1

Format	Color
Hex	3F5746
RGB	63, 87, 70
RGB Percent	25%, 34%, 27%
CMY	0.7529, 0.6588, 0.7255
CMYK	0.28, 0.00, 0.20, 0.66
HSL	138°, 16%, 29%
HSV	138°, 28%, 34%
XYZ	6.5636, 8.3153, 7.0534
YIQ	77.8860, -8.8470, -10.3750

Conversions

Conversions Part 2

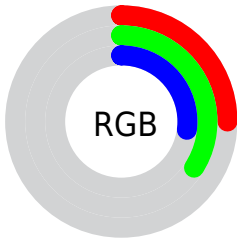
Format	Color
RYB	63, 82, 87
Decimal	4151110
CIELab	34.63, -13.10, 6.97
CIElCh	35, 14.843, 151.986
Yxy	8.3153, 0.2993, 0.3791
Android (android.graphics.Color)	4282341190 (0xFF3F5746)
YUV	77.8860, -3.8878, -13.0550
Hunter-Lab	28.8363, -9.8343, 5.6830

Details

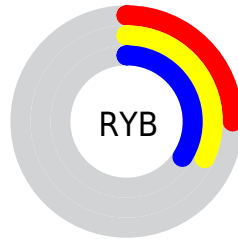
The YUV color **77.8860, -3.8878, -13.0550** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **72.1140, 3.8878, 13.0550**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.0600, -4.4666, -14.0846**, and **33.4130, -3.1616, -12.6402** is the 20% darker color. If you saturate the color by 10%, you get **74.5110, -5.1819, -17.9881**, and if you desaturate by 10%, it is **81.2610, -2.5937, -8.1219**.

Distribution



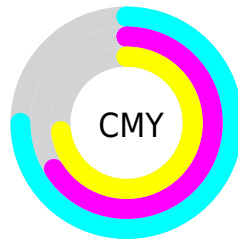
- Red (25%)
- Green (34%)
- Blue (27%)



- Red (25%)
- Yellow (32%)
- Blue (34%)



- Cyan (28%)
- Magenta (0%)
- Yellow (20%)
- Black (66%)



- Cyan (75%)
- Magenta (66%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.8860, -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 77.8860, -3.8878, -13.0550 by changing the saturation by 10% instead.

■ 77.8860, -3.8878,
-13.0550

■ 77.8860, -3.8878,
-13.0550

■ 255.0000, 0.0000,
0.0000

■ 55.2990, -3.5984,
-12.5402

■ 127.0600, -4.4666,
-14.0846

■ 33.4130, -3.1616,
-12.6402

■ 153.0600, -4.4666,
-14.0846

■ 12.9140, -6.3666,
-11.3256

■ 179.6470, -4.7560,
-14.5994

■ 0.0000, 0.0000,
0.0000

■ 207.3480, -4.6086,
-15.2142

■ 235.9350, -4.8980,
-15.7290

■ 252.4940, 0.7425,

-4.8182

■ 77.8860, -3.8878,
-13.0550

■ 77.8860, -3.8878,
-13.0550

■ 74.5110, -5.1819,
-17.9881

■ 81.2610, -2.5937,
-8.1219

■ 71.4350, -6.6235,
-22.3065

■ 84.3370, -1.1521,
-3.8035

■ 68.0600, -7.9176,
-27.2396

■ 87.7120, 0.1420,
1.1296

■ 64.5710, -9.6485,
-32.0728

■ 91.2010, 1.8729,
5.9627

■ 61.4950, -11.0900,
-36.3911

■ 94.2770, 3.3144,
10.2811

■ 58.1200, -12.3842,
-41.3242

■ 97.6520, 4.6086,
15.2142

■ 54.7450, -13.6783,
-46.2574

■ 101.0270, 5.9027,
20.1473

■ 53.9190, -14.2571,
-47.2870

■ 104.4020, 7.1968,
25.0804

■ 107.4780, 8.6383,
29.3988

Harmonies

Analogous

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



79.2850, -9.0145, -2.0039



77.8860, -3.8878, -13.0550



76.2530, 2.8333, -22.1469

Triad

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



77.8860, -3.8878, -13.0550



80.4360, 12.1101, -10.9064



82.6990, -6.7536, 19.5580

Complementary

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



77.8860, -3.8878, -13.0550



72.1140, 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.



83.1810, -1.0752, 18.2583



77.8860, -3.8878, -13.0550



82.4160, 9.1619, 1.3892

Square

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



77.8860, -3.8878, -13.0550



77.9570, 11.8532, -21.8873



83.6300, 4.6194, 11.7255



81.7540, -10.2317, 15.1247

Rectangle

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



77.8860, -3.8878, -13.0550



75.9690, 6.9173, -25.4058



83.6300, 4.6194, 11.7255



82.8670, -4.8644, 20.2876

Sweetspot

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



77.8860, -3.8878, -13.0550



108.6250, -1.2941, -4.9331



82.1710, -9.4513, -1.9040



53.7500, -0.8628, -3.2887



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.



77.8860, -3.8878, -13.0550



97.9730, -5.9027, -20.1473



79.2540, 1.3538, -14.2548



41.4620, -0.7208, -2.1592



66.3430, -17.4241, -58.1828



145.6970, -38.3046, -127.7763

Inverse Universe

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



72.1140, 3.8878, 13.0550



89.0270, 5.9027, 20.1473



70.7460, -1.3538, 14.2548



40.5380, 0.7208, 2.1592



40.6570, 17.4241, 58.1828



89.1890, 37.8678, 127.8762

Previews

White Background



This preview shows how the YUV color 77.8860, -3.8878, -13.0550 looks on a white background.

Color Contrast Check

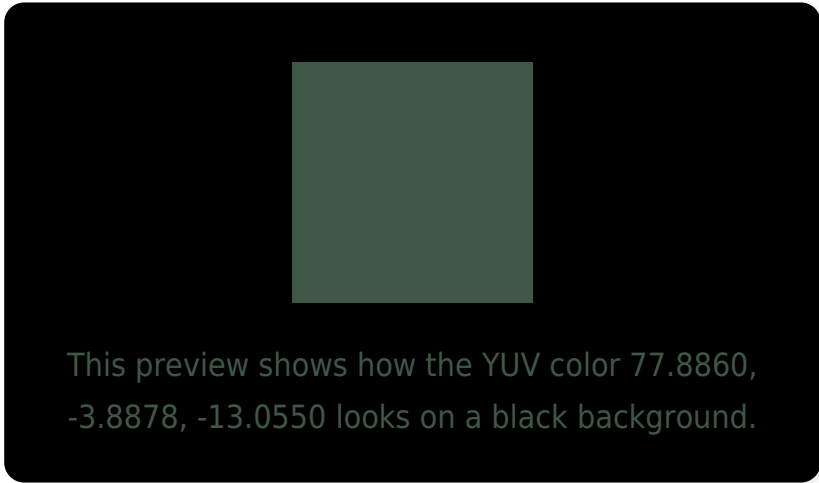
Large Text (above 18pt) WCAG AA ✓ Pass

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

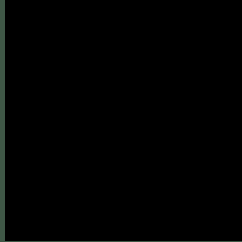
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.8860, -3.8878, -13.0550

Background



This preview shows how black text looks on a background with the YUV color 77.8860, -3.8878, -13.0550.



This preview shows how white text looks on a background with the YUV color 77.8860, -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

77.8860, -3.8878, -13.0550

Protanopia

80.8990, -6.8522, 4.4736

Deuteranopia

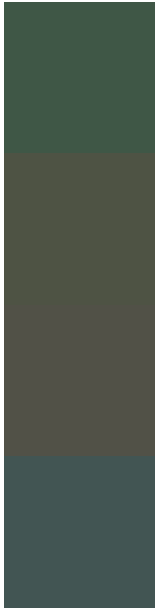
81.5020, -4.6845, 9.2067



Tritanopia

79.7150, 5.5635, -11.1511

Trichromacy



Original Color

77.8860, -3.8878, -13.0550

Protanomaly

79.7950, -5.8149, -1.5742

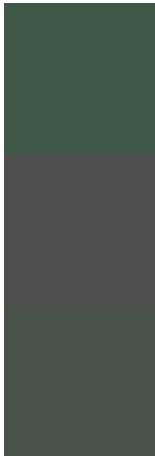
Deuteranomaly

79.8600, -4.3680, 0.9998

Tritanomaly

79.0910, 1.9271, -11.4808

Monochromacy



Original Color

77.8860, -3.8878, -13.0550

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.9240, -1.4415, -4.3183

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.8860, -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(63, 87, 70)` looks like.

```
.text, #text, p{  
    color:rgb(63, 87, 70)  
}
```

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(63, 87, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 87, 70) }
```

Border

The CSS property to change the border of an element to YUV 77.8860, -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(63, 87, 70) }
```


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

```
.border{ border-color:rgb(63, 87, 70) }
```

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

Here you see how a box with a 4 pixel rgb(63, 87, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 87, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 87, 70);  
box-shadow:4px 4px 4px 4px rgb(63, 87, 70)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.8860, -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(63, 87, 70) }
```

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

```
.background{ background-color: rgb(63, 87,  
70) }
```

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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