

Converting Colors

YUV(78.3760, -7.0874, -13.4848)

Have a look what the booklet for
YUV(78.3760, -7.0874, -13.4848)
contains.

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Color

**YUV(78.3760, -7.0874,
-13.4848)**

Conversions

| Conversions Part 1 | |
|--------------------|----------------------------|
| Format | Color |
| Hex | 3F5940 |
| RGB | 63, 89, 64 |
| RGB Percent | 25%, 35%, 25% |
| CMY | 0.7529, 0.6510, 0.7490 |
| CMYK | 0.29, 0.00, 0.28, 0.65 |
| HSL | 122°, 17%, 30% |
| HSV | 122°, 29%, 35% |
| XYZ | 6.5477, 8.5717, 6.1599 |
| YIQ | 78.3760, -7.4710, -13.2870 |

Conversions

Conversions Part 2

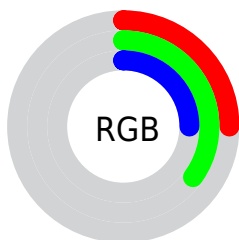
| Format | Color |
|-------------------------------------|--|
| RYB | 63, 88, 89 |
| Decimal | 4151616 |
| CIELab | 35.15, -15.49, 11.41 |
| CIELCh | 35, 19.236, 143.634 |
| Yxy | 8.5717, 0.3077, 0.4028 |
| Android (android.graphics.Color) | 4282341696 (0xFF3F5940) |
| YUV | 78.3760, -7.0874, -13.4848 |
| Hunter-Lab | 29.2774, -11.3153, 8.0198 |

Details

The YUV color **78.3760, -7.0874, -13.4848** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **73.6240, 7.0874, 13.4848**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.5500, -7.6661, -14.5143**, and **33.3160, -6.0718, -12.5551** is the 20% darker color. If you saturate the color by 10%, you get **74.6590, -9.6919, -18.1179**, and if you desaturate by 10%, it is **82.0930, -4.4828, -8.8516**.

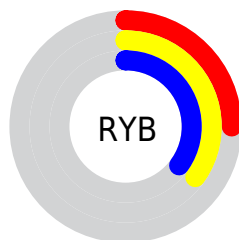
Distribution



Red (25%)

Green (35%)

Blue (25%)



Red (25%)

Yellow (35%)

Blue (35%)

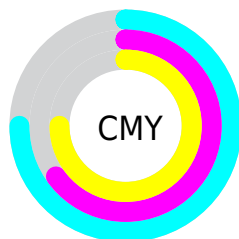


Cyan (29%)

Magenta (0%)

Yellow (28%)

Black (65%)



Cyan (75%)

Magenta (65%)


Yellow (75%)


Brightness & Saturation

Gradients


These gradients show how the YUV color 78.3760, -7.0874, -13.4848 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 78.3760, -7.0874, -13.4848 by changing the saturation by 10% instead.


 78.3760, -7.0874,
-13.4848


 78.3760, -7.0874,
-13.4848


255.0000, 0.0000,
0.0000

 54.9030, -6.3612,
-13.0699


 127.5500, -7.6661,
-14.5143


 33.3160, -6.0718,
-12.5551


 154.0230, -8.3923,
-14.9292

 14.0880, -6.9454,
-12.3552

 180.7240, -8.2449,
-15.5439

 0.0000, 0.0000,
0.0000

 208.6100, -8.6817,
-15.4440

 236.6100, -8.6817,
-15.4440

 251.6960, -2.3151,

-4.1184

■ 78.3760, -7.0874,
-13.4848

■ 78.3760, -7.0874,
-13.4848

■ 74.6590, -9.6919,
-18.1179

■ 82.0930, -4.4828,
-8.8516

■ 71.0560, -11.8596,
-22.8511

■ 85.6960, -2.3151,
-4.1184

■ 67.3390, -14.4641,
-27.4843

■ 89.4130, 0.2894,
0.5148

■ 63.7360, -16.6318,
-32.2175


■ 93.0160, 2.4571,
5.2480

■ 60.3180, -19.3838,
-36.2359


■ 96.7330, 5.0616,
9.8812


■ 56.7150, -21.5515,
-40.9691


■ 100.0370, 7.3768,
13.9996

 52.9980, -24.1560,
-45.6022

 103.7540, 9.9813,
18.6327

 52.5850, -24.4454,
-46.1170

 107.3570, 12.1490,
23.3659

 111.0740, 14.7535,
27.9991

Harmonies

Analogous

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



80.2700, -12.9511, 0.6402



78.3760, -7.0874, -13.4848



75.8780, 1.5391, -27.0800

Triad

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



78.3760, -7.0874, -13.4848



79.8200, 16.3577, -20.0131



84.1450, -6.4805, 25.3058

Complementary

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



78.3760, -7.0874, -13.4848



73.6240, 7.0874, 13.4848

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.



84.4850, 1.2399, 22.3767



78.3760, -7.0874, -13.4848



83.5340, 13.5407, -3.0993

Square

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



78.3760, -7.0874, -13.4848



75.2050, 15.6749, -34.3828



85.1400, 7.8190, 12.1552



83.0430, -11.8532, 21.8873

Rectangle

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



78.3760, -7.0874, -13.4848



74.0280, 7.3812, -34.2276



85.1400, 7.8190, 12.1552



84.1280, -4.0071, 25.3207

Sweetspot

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



78.3760, -7.0874, -13.4848



110.5710, -2.7465, -5.7628



85.7370, -11.2093, 1.9847



56.1090, -2.0257, -3.6036



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.



78.3760, -7.0874, -13.4848



98.5940, -11.1388, -20.6919



79.8580, -1.4090, -14.7845



41.3480, -1.1576, -2.0592



63.2650, -29.2176, -55.4834



138.9710, -64.0757, -121.8776

Inverse Universe

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



73.6240, 7.0874, 13.4848



91.2920, 10.7020, 20.7919



72.1420, 1.4090, 14.7845



40.6520, 1.1576, 2.0592



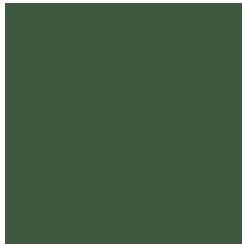
43.7350, 29.2176, 55.4834



96.0290, 64.0757, 121.8776

Previews

White Background



This preview shows how the YUV color 78.3760, -7.0874, -13.4848 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 78.3760, -7.0874, -13.4848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

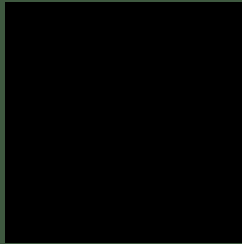
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.3760, -7.0874, -13.4848

Background



This preview shows how black text looks on a background with the YUV color 78.3760, -7.0874, -13.4848.

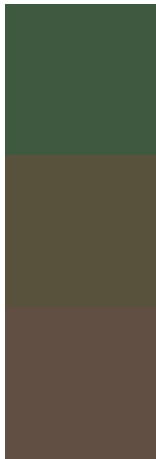


This preview shows how white text looks on a background with the YUV color 78.3760, -7.0874,

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

78.3760, -7.0874, -13.4848

Protanopia

81.4000, -10.0572, 5.7882

Deuteranopia

82.6010, -8.1843, 11.7509



Tritanopia

80.7150, 5.5635, -11.1511

Trichromacy



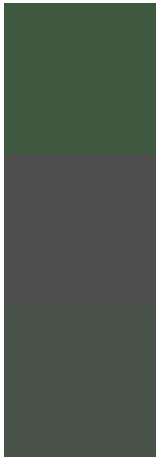
Original Color
78.3760, -7.0874, -13.4848

Protanomaly
80.5840, -9.1619, -1.3892

Deuteranomaly
81.2470, -8.0098, 2.4144

Tritanomaly
79.5640, 1.2009, -11.8956

Monochromacy



Original Color
78.3760, -7.0874, -13.4848

Achromatopsia
78.0000, 0.0000, 0.0000

Achromatomaly
78.2830, -2.6045, -4.6332

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.3760, -7.0874, -13.4848 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, 89, 64)` looks like.

```
.text, #text, p{  
    color:rgb(63, 89, 64)  
}
```

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, 89, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 89, 64) }
```

Border

The CSS property to change the border of an element to YUV 78.3760, -7.0874, -13.4848 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, 89, 64) }
```


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

```
.border{ border-color:rgb(63, 89, 64) }
```

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

Here you see how a box with a 4 pixel rgb(63, 89, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 89, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 89, 64);  
box-shadow:4px 4px 4px 4px rgb(63, 89, 64)  
}
```

Background

The CSS property to change the background color of an element to YUV 78.3760, -7.0874, -13.4848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 89, 64) }
```

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

```
.background{ background-color: rgb(63, 89,  
64) }
```

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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