

Converting Colors

YUV(74.1760, -17.3418,
-37.8654)

Have a look what the booklet for
YUV(74.1760, -17.3418, -37.8654)
contains.

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Color

**YUV(74.1760, -17.3418,
-37.8654)**

Conversions

Conversions Part 1

Format	Color
Hex	1F6727
RGB	31, 103, 39
RGB Percent	12%, 40%, 15%
CMY	0.8784, 0.5961, 0.8471
CMYK	0.70, 0.00, 0.62, 0.60
HSL	127°, 54%, 26%
HSV	127°, 70%, 40%
XYZ	5.7815, 10.1383, 3.5716
YIQ	74.1760, -22.3680, -35.1680

Conversions

Conversions Part 2

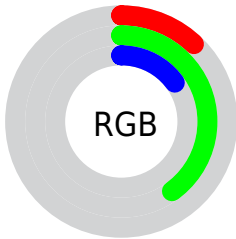
Format	Color
R_{YB}	31, 96, 103
Decimal	2058023
CIE _{Lab}	38.09, -36.50, 29.24
CIE _{LCh}	38, 46.768, 141.310
Yxy	10.1383, 0.2966, 0.5201
Android (android.graphics.Color)	4280248103 (0xFF1F6727)
YUV	74.1760, -17.3418, -37.8654
Hunter-Lab	31.8407, -23.3097, 15.6378

Details

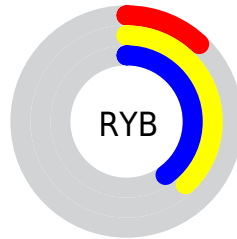
The YUV color **74.1760, -17.3418, -37.8654** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **59.8240, 17.3418, 37.8654**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.5030, -19.9680, -35.5211**, and **32.2850, -15.9165, -28.3139** is the 20% darker color. If you saturate the color by 10%, you get **70.1600, -19.7989, -43.1133**, and if you desaturate by 10%, it is **78.1920, -14.8847, -32.6174**.

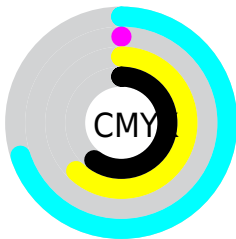
Distribution



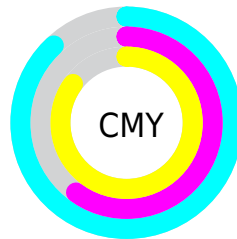
- Red (12%)
- Green (40%)
- Blue (15%)



- Red (12%)
- Yellow (38%)
- Blue (40%)



- Cyan (70%)
- Magenta (0%)
- Yellow (62%)
- Black (60%)



- Cyan (88%)
- Magenta (60%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.1760, -17.3418, -37.8654 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 74.1760, -17.3418, -37.8654 by changing the saturation by 10% instead.

■ 74.1760, -17.3418,
-37.8654

■ 74.1760, -17.3418,
-37.8654

255.0000, 0.0000,
0.0000

■ 47.6100, -15.5837,
-41.7540

■ 126.5030,
-19.9680, -35.5211

■ 32.2850, -15.9165,
-28.3139

■ 152.9760,
-20.6942, -35.9360

■ 20.5450, -10.1287,
-18.0180

■ 180.4490,
-21.4204, -36.3508

■ 0.0000, 0.0000,
0.0000

■ 208.3350,
-21.8572, -36.2508

■ 229.7640,
-19.1107, -30.4880

■ 241.3280,

-11.0077, -16.0737

253.6040, -2.7628,
-0.5297

74.1760, -17.3418,
-37.8654

74.1760, -17.3418,
-37.8654

70.1600, -19.7989,
-43.1133

78.1920, -14.8847,
-32.6174

65.8450, -22.1086,
-48.9761

82.5070, -12.5750,
-26.7546

61.8290, -24.5657,
-54.2240

86.5230, -10.1178,
-21.5067

61.7150, -25.0025,
-54.1241

90.6530, -7.2239,
-16.3587

94.9680, -4.9142,
-10.4959

■ 98.9840, -2.4571,
-5.2480

■ 103.0000, 0.0000,
0.0000

■ 107.0160, 2.4571,
5.2480

■ 111.3310, 4.7668,
11.1107

Harmonies

Analogous

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



81.3260, -38.1217, 0.5911



74.1760, -17.3418, -37.8654



71.5870, 2.6686, -62.7818

Triad

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



74.1760, -17.3418, -37.8654



75.7490, 44.0007, -66.4319



86.0510, -10.3781, 62.2223

Complementary

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



74.1760, -17.3418, -37.8654



59.8240, 17.3418, 37.8654

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.



88.1870, 6.8098, 55.9640



74.1760, -17.3418, -37.8654



87.6950, 36.1394, -18.1495

Square

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



74.1760, -17.3418, -37.8654



78.5070, 34.2600, -68.8506



92.0230, 22.1737, 28.0438



86.3920, -27.8013, 50.5222

Rectangle

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



74.1760, -17.3418, -37.8654



74.5510, 14.0254, -65.3812



92.0230, 22.1737, 28.0438



85.6580, -4.2684, 62.5669

Sweetspot

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



74.1760, -17.3418, -37.8654



123.7780, -6.7926, -14.7143



92.6990, -30.4176, 2.8950



62.2070, -4.0461, -8.9515



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



74.1760, -17.3418, -37.8654



89.6990, -27.4596, -59.3720



78.1660, -2.0538, -41.3646



48.9350, -1.4470, -2.5740



68.9870, -27.6016, -60.5016



145.1320, -58.2391, -127.2808

Inverse Universe

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



59.8240, 17.3418, 37.8654



67.3010, 27.4596, 59.3720



55.8340, 2.0538, 41.3646



47.9510, 1.0102, 2.6740



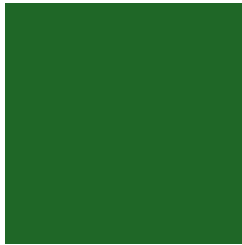
46.0130, 27.6016, 60.5016



96.8680, 58.2391, 127.2808

Previews

White Background



This preview shows how the YUV color 74.1760, -17.3418, -37.8654 looks on a white background.

Color Contrast Check

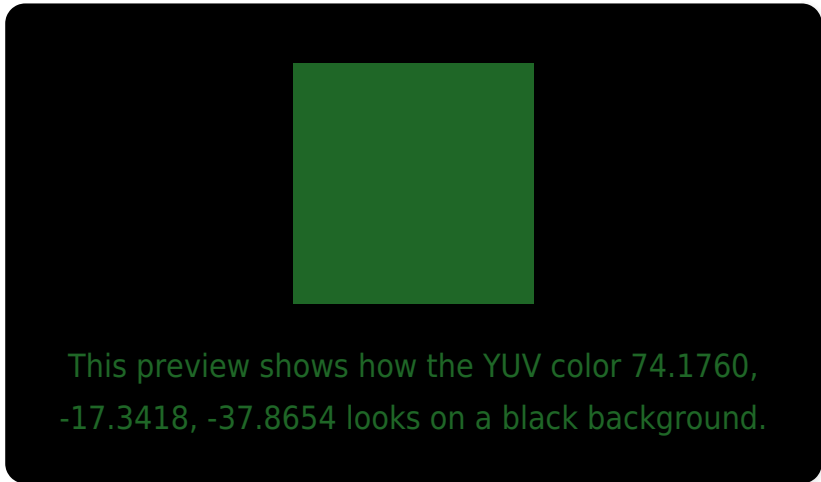
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

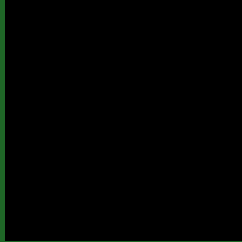
Any Text WCAG AA × Fail

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 74.1760, -17.3418, -37.8654 Background



This preview shows how black text looks on a background with the YUV color 74.1760, -17.3418, -37.8654.



This preview shows how white text looks on a background with the YUV color 74.1760, -17.3418,

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

74.1760, -17.3418, -37.8654

Protanopia

86.1330, -25.2086, 12.1614

Deuteranopia

87.8010, -21.5939, 19.4685



Tritanopia

83.1580, 10.2751, -29.0796

Trichromacy



Original Color

74.1760, -17.3418, -37.8654

Protanomaly

81.7070, -22.5336, -5.8820

Deuteranomaly

83.0110, -20.2184, -1.7636

Tritanomaly

80.0900, -0.0444, -32.5279

Monochromacy



Original Color

74.1760, -17.3418, -37.8654

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.1910, -6.5032, -14.1995

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.1760, -17.3418, -37.8654 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(31, 103, 39)` looks like.

```
.text, #text, p{  
    color:rgb(31, 103, 39)  
}
```

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(31, 103, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 103, 39) }
```

Border

The CSS property to change the border of an element to YUV 74.1760, -17.3418, -37.8654 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(31, 103, 39) }
```


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

```
.border{ border-color:rgb(31, 103, 39) }
```

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

Here you see how a box with a 4 pixel rgb(31, 103, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 103, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 103, 39);  
box-shadow:4px 4px 4px 4px rgb(31, 103,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 74.1760, -17.3418, -37.8654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 103, 39) }
```

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

```
.background{ background-color: rgb(31, 103,  
39) }
```

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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