

Converting Colors

YUV(77.3140, -13.4658,
-67.8044)

Have a look what the booklet for
YUV(77.3140, -13.4658, -67.8044)
contains.

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Color

**YUV(77.3140, -13.4658,
-67.8044)**

Conversions

Conversions Part 1

Format	Color
Hex	007A32
RGB	0, 122, 50
RGB Percent	0%, 48%, 20%
CMY	1.0000, 0.5216, 0.8039
CMYK	1.00, 0.00, 0.59, 0.52
HSL	145°, 100%, 24%
HSV	145°, 100%, 48%
XYZ	7.5353, 14.1494, 5.3516
YIQ	77.3140, -49.6000, -48.2560

Conversions

Conversions Part 2

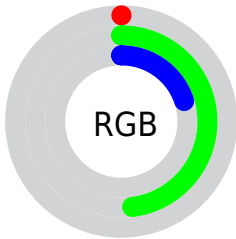
Format	Color
RYB	0, 87, 122
Decimal	31282
CIELab	44.45, -45.75, 30.96
CIELCh	44, 55.240, 145.915
Yxy	14.1494, 0.2787, 0.5233
Android (android.graphics.Color)	4278221362 (0xFF007A32)
YUV	77.3140, -13.4658, -67.8044
Hunter-Lab	37.6156, -30.0698, 17.8958

Details

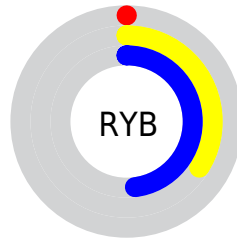
The YUV color **77.3140, -13.4658, -67.8044** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **44.6860, 13.4658, 67.8044**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.5070, -19.4770, -53.0646**, and **42.4920, -19.9626, -37.2655** is the 20% darker color. If you saturate the color by 10%, you get **77.3140, -13.4658, -67.8044**, and if you desaturate by 10%, it is **81.7000, -12.1771, -61.1269**.

Distribution



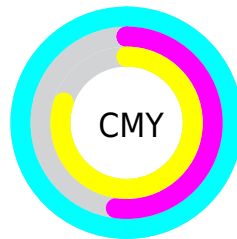
- Red (0%)
- Green (48%)
- Blue (20%)



- Red (0%)
- Yellow (34%)
- Blue (48%)



- Cyan (100%)
- Magenta (0%)
- Yellow (59%)
- Black (52%)



- Cyan (100%)
- Magenta (52%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.3140, -13.4658, -67.8044 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 77.3140, -13.4658, -67.8044 by changing the saturation by 10% instead.

■ 77.3140, -13.4658,
-67.8044

■ 77.3140, -13.4658,
-67.8044

255.0000, 0.0000,
0.0000

■ 59.4300, -15.9880,
-52.1201

■ 137.5070,
-19.4770, -53.0646

■ 42.4920, -19.9626,
-37.2655

■ 164.9910,
-20.2086, -51.7351

■ 28.1760, -13.8908,
-24.7104

■ 193.3500,
-21.3715, -52.0499

■ 14.0880, -6.9454,
-12.3552

■ 218.3010,
-20.3614, -49.3760

■ 0.0000, 0.0000,
0.0000

■ 230.1640,
-12.4059, -34.3468

■ 242.0270, -4.4503,

-19.3177

253.2060, 0.8844,
-3.6887

77.3140, -13.4658,
-67.8044

81.7000, -12.1771,
-61.1269

86.0860, -10.8884,
-54.4494

90.8850, -9.3103,
-47.2571

95.2710, -8.0216,
-40.5797

99.6570, -6.7329,
-33.9022

■ 104.0430, -5.4442,
-27.2247

■ 108.4290, -4.1555,
-20.5472

■ 113.2280, -2.5774,
-13.3550

■ 117.6140, -1.2887,
-6.6775

Harmonies

Analogous

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



93.2300, -45.9624, -4.5867



77.3140, -13.4658, -67.8044



85.0200, 5.9061, -74.5625

Triad

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



77.3140, -13.4658, -67.8044



88.7890, 53.3480, -77.8680



99.4610, -15.5103, 75.0177

Complementary

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



77.3140, -13.4658, -67.8044



44.6860, 13.4658, 67.8044

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.



101.0580, 5.8874, 71.8631



77.3140, -13.4658, -67.8044



104.9930, 40.9225, -12.2719

Square

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



77.3140, -13.4658, -67.8044



92.2480, 43.7547, -80.9015



107.3820, 24.4617, 40.8840



100.7320, -36.8429, 57.2400

Rectangle

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



77.3140, -13.4658, -67.8044



88.6680, 19.8837, -77.7618



107.3820, 24.4617, 40.8840



99.4210, -8.0956, 76.8068

Sweetspot

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



77.3140, -13.4658, -67.8044



140.7550, -5.3022, -26.0951



93.4410, -46.0664, -17.9268



68.6900, -3.2982, -15.5141



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



77.3140, -13.4658, -67.8044



100.1560, -17.3319, -87.8368



84.1540, 12.7421, -73.8031



58.8640, -0.4260, -3.3887



79.1890, -13.8972, -69.4488



159.6660, -27.9363, -140.0271

Inverse Universe

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



44.6860, 13.4658, 67.8044



57.8440, 17.3319, 87.8368



37.8460, -12.7421, 73.8031



57.2500, 0.8628, 3.2887



45.8110, 13.8972, 69.4488



92.3340, 27.9363, 140.0271

Previews

White Background



This preview shows how the YUV color 77.3140, -13.4658, -67.8044 looks on a white background.

Color Contrast Check

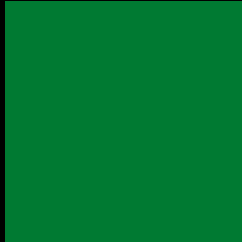
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 77.3140, -13.4658, -67.8044 looks on a 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 77.3140, -13.4658, -67.8044

Background



This preview shows how black text looks on a background with the YUV color 77.3140, -13.4658, -67.8044.



This preview shows how white text looks on a background with the YUV color 77.3140, -13.4658, -67.8044.

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



Protanopia

101.7480, -27.9768, 13.3760

Deuteranopia

103.3560, -23.3465, 21.6128

Tritanopia

95.4060, 14.0968, -41.5751

Trichromacy



Protanomaly

92.6410, -22.5010, -16.3482

Deuteranomaly

93.7710, -19.6071, -11.2002

Tritanomaly

89.0060, 3.9410, -50.8713

Monochromacy



Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.8800, -4.8708, -24.4508

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.3140, -13.4658, -67.8044 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(0, 122, 50)` looks like.

```
.text, #text, p{  
    color:rgb(0, 122, 50)  
}
```

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(0, 122, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 122, 50) }
```

Border

The CSS property to change the border of an element to YUV 77.3140, -13.4658, -67.8044 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(0, 122, 50) }
```

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

```
.border{ border-color:rgb(0, 122, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 122, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 122, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 122, 50);  
box-shadow:4px 4px 4px 4px rgb(0, 122, 50)  
}
```


Background

The CSS property to change the background color of an element to YUV 77.3140, -13.4658, -67.8044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 122, 50) }
```

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

```
.background{ background-color: rgb(0, 122,  
50) }
```

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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