

Converting Colors

YUV(80.1890, -27.2082,
-46.6468)

Have a look what the booklet for
YUV(80.1890, -27.2082, -46.6468)
contains.

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Color

**YUV(80.1890, -27.2082,
-46.6468)**

Conversions

Conversions Part 1

Format	Color
Hex	1B7619
RGB	27, 118, 25
RGB Percent	11%, 46%, 10%
CMY	0.8941, 0.5373, 0.9020
CMYK	0.77, 0.00, 0.79, 0.54
HSL	119°, 65%, 28%
HSV	119°, 79%, 46%
XYZ	7.1059, 13.2601, 3.1046
YIQ	80.1890, -24.3830, -48.2150

Conversions

Conversions Part 2

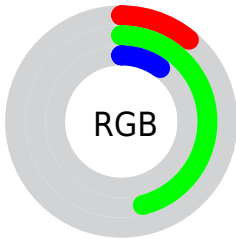
Format	Color
R_{YB}	25, 118, 116
Decimal	1799705
CIE _{Lab}	43.15, -44.33, 40.89
CIE _{LCh}	43, 60.308, 137.316
Yxy	13.2601, 0.3028, 0.5650
Android (android.graphics.Color)	4279989785 (0xFF1B7619)
YUV	80.1890, -27.2082, -46.6468
Hunter-Lab	36.4144, -28.8927, 20.4351

Details

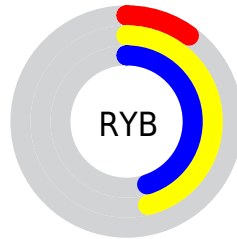
The YUV color **80.1890, -27.2082, -46.6468** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **62.8110, 27.2082, 46.6468**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.3530, -29.2610, -41.5286**, and **39.9160, -19.6786, -35.0063** is the 20% darker color. If you saturate the color by 10%, you get **75.2330, -30.6809, -52.8243**, and if you desaturate by 10%, it is **85.1450, -23.7355, -40.4692**.

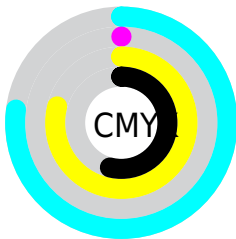
Distribution



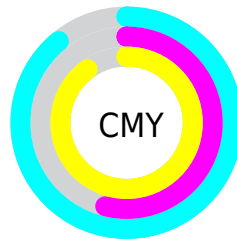
- Red (11%)
- Green (46%)
- Blue (10%)



- Red (10%)
- Yellow (46%)
- Blue (45%)



- Cyan (77%)
- Magenta (0%)
- Yellow (79%)
- Black (54%)



- Cyan (89%)
- Magenta (54%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.1890, -27.2082, -46.6468 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 80.1890, -27.2082, -46.6468 by changing the saturation by 10% instead.

■ 80.1890, -27.2082,
-46.6468

■ 80.1890, -27.2082,
-46.6468

255.0000, 0.0000,
0.0000

■ 54.5910, -26.9134,
-47.8763

■ 135.3530,
-29.2610, -41.5286

■ 39.9160, -19.6786,
-35.0063

■ 162.7120,
-30.4240, -41.8434

■ 27.0020, -13.3120,
-23.6808

■ 190.4840,
-31.2976, -41.6435

■ 11.1530, -5.4984,
-9.7812

■ 218.3700,
-31.7344, -41.5435

■ 0.0000, 0.0000,
0.0000

■ 230.1190,
-24.2157, -26.4144

■ 241.9820,

-16.2601, -11.3852

253.0620, -7.4256,
1.6996

80.1890, -27.2082,
-46.6468

80.1890, -27.2082,
-46.6468

75.2330, -30.6809,
-52.8243

85.1450, -23.7355,
-40.4692

70.5760, -34.3010,
-58.3872

89.8020, -20.1154,
-34.9064

70.1630, -34.5904,
-58.9020

94.6440, -17.0795,
-28.6288

99.3010, -13.4594,
-23.0660

104.2570, -9.9867,
-16.8884

■ 108.9140, -6.3666,
-11.3256

■ 113.8700, -2.8939,
-5.1480

■ 118.4130, 0.2894,
0.5148

■ 123.3690, 3.7621,
6.6924

Harmonies

Analogous

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



92.3990, -45.5527, 4.0351



80.1890, -27.2082, -46.6468



81.0930, -1.5248, -71.1186

Triad

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



80.1890, -27.2082, -46.6468



89.7180, 54.3690, -78.6827



92.0630, -8.4121, 85.0137

Complementary

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



80.1890, -27.2082, -46.6468



62.8110, 27.2082, 46.6468

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.



96.2460, 14.1757, 73.4523



80.1890, -27.2082, -46.6468



92.0580, 52.2294, -45.6549

Square

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



80.1890, -27.2082, -46.6468



91.5640, 41.1339, -80.3016



104.3790, 32.3512, 30.3626



95.7210, -33.3865, 68.6507

Rectangle

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



80.1890, -27.2082, -46.6468



85.6700, 13.4737, -75.1326



104.3790, 32.3512, 30.3626



92.2400, -0.1183, 84.8585

Sweetspot

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



80.1890, -27.2082, -46.6468



138.0180, -10.8549, -18.4328



105.6370, -39.7540, 10.8424



67.8000, -6.8034, -11.2256



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



80.1890, -27.2082, -46.6468



94.0120, -42.4039, -72.8015



84.4930, -8.1310, -52.1754



56.5220, -1.7363, -3.0888



72.5110, -35.7479, -60.9611



148.2450, -73.0848, -125.6259

Inverse Universe

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



62.8110, 27.2082, 46.6468



66.9880, 42.4039, 72.8015



58.5070, 8.1310, 52.1754



55.4780, 1.7363, 3.0888



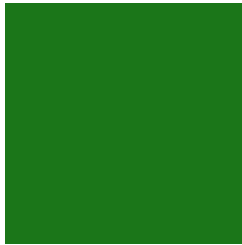
49.7880, 35.6005, 61.5759



101.7550, 73.0848, 125.6259

Previews

White Background



This preview shows how the YUV color 80.1890, -27.2082, -46.6468 looks on a white background.

Color Contrast Check

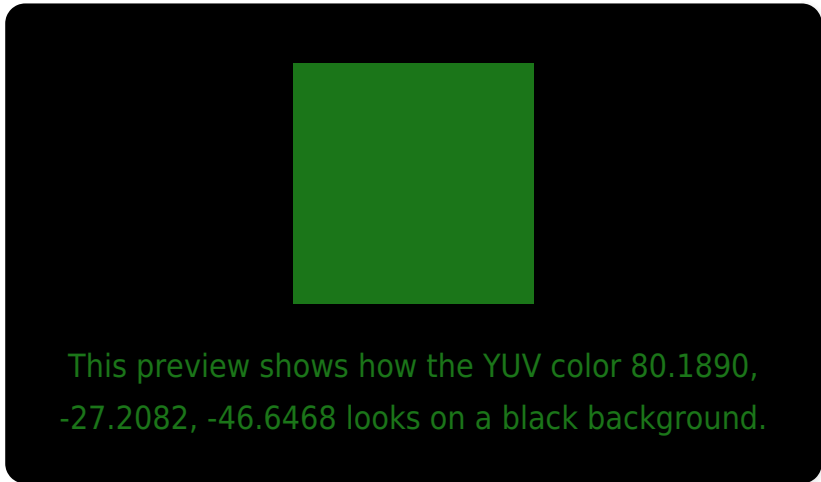
Large Text (above 18pt) WCAG AA ✓ Pass

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 80.1890, -27.2082, -46.6468

Background



This preview shows how black text looks on a background with the YUV color 80.1890, -27.2082, -46.6468.



This preview shows how white text looks on a background with the YUV color 80.1890, -27.2082,

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

80.1890, -27.2082, -46.6468

Protanopia

96.3540, -37.1495, 15.4755

Deuteranopia

98.3150, -31.2143, 25.1567



Tritanopia

94.5810, 12.0386, -34.7125

Trichromacy



Original Color

80.1890, -27.2082, -46.6468

Protanomaly

90.4220, -33.7320, -7.3861

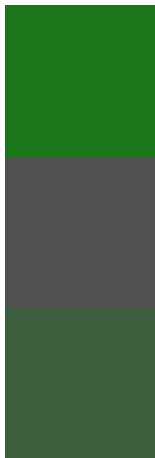
Deuteranomaly

91.7910, -29.9700, -0.6937

Tritanomaly

89.4760, -2.2067, -39.0055

Monochromacy



Original Color

80.1890, -27.2082, -46.6468

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.2570, -9.9867, -16.8884

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.1890, -27.2082, -46.6468 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, 118, 25)` looks like.

```
.text, #text, p{  
    color:rgb(27, 118, 25)  
}
```

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, 118, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 118, 25) }
```

Border

The CSS property to change the border of an element to YUV 80.1890, -27.2082, -46.6468 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, 118, 25) }
```


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

```
.border{ border-color:rgb(27, 118, 25) }
```

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

Here you see how a box with a 4 pixel rgb(27, 118, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 118, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 118, 25);  
box-shadow:4px 4px 4px 4px rgb(27, 118,  
25) }
```

Background

The CSS property to change the background color of an element to YUV 80.1890, -27.2082, -46.6468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 118, 25) }
```

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

```
.background{ background-color: rgb(27, 118,  
25) }
```

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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