

Converting Colors

YUV(77.1860, -19.3187,
-57.1681)

Have a look what the booklet for
YUV(77.1860, -19.3187, -57.1681)
contains.

YUV(77.1860, -19.3187, -57.1681)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(77.1860, -19.3187,
-57.1681)**

Conversions

Conversions Part 1

Format	Color
Hex	0C7626
RGB	12, 118, 38
RGB Percent	5%, 46%, 15%
CMY	0.9529, 0.5373, 0.8510
CMYK	0.90, 0.00, 0.68, 0.54
HSL	135°, 82%, 25%
HSV	135°, 90%, 46%
XYZ	6.9799, 13.1750, 4.0089
YIQ	77.1860, -37.4960, -47.3520

Conversions

Conversions Part 2

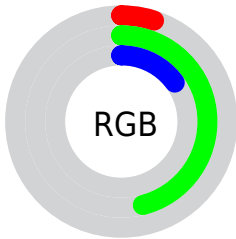
Format	Color
RYB	12, 97, 118
Decimal	816678
CIELab	43.03, -45.04, 35.23
CIELCh	43, 57.183, 141.964
Yxy	13.1750, 0.2889, 0.5452
Android (android.graphics.Color)	4279006758 (0xFF0C7626)
YUV	77.1860, -19.3187, -57.1681
Hunter-Lab	36.2973, -29.1952, 18.8598

Details

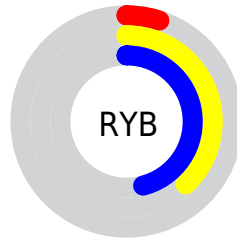
The YUV color **77.1860, -19.3187, -57.1681** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **52.8140, 19.3187, 57.1681**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.2150, -23.2770, -47.5466**, and **39.9160, -19.6786, -35.0063** is the 20% darker color. If you saturate the color by 10%, you get **72.5720, -21.4810, -63.6456**, and if you desaturate by 10%, it is **81.8000, -17.1564, -50.6906**.

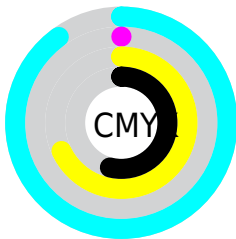
Distribution



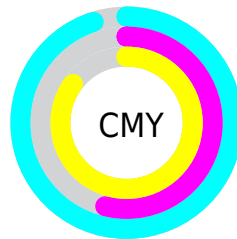
- Red (5%)
- Green (46%)
- Blue (15%)



- Red (5%)
- Yellow (38%)
- Blue (46%)



- Cyan (90%)
- Magenta (0%)
- Yellow (68%)
- Black (54%)



- Cyan (95%)
- Magenta (54%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.1860, -19.3187, -57.1681 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 77.1860, -19.3187, -57.1681 by changing the saturation by 10% instead.

■ 77.1860, -19.3187,
-57.1681

■ 77.1860, -19.3187,
-57.1681

255.0000, 0.0000,
0.0000

■ 55.9590, -21.6718,
-49.0760

■ 134.2150,
-23.2770, -47.5466

■ 39.9160, -19.6786,
-35.0063

■ 161.8730,
-24.5874, -47.2466

■ 26.4150, -13.0226,
-23.1660

■ 189.6450,
-25.4610, -47.0467

■ 11.1530, -5.4984,
-9.7812

■ 217.5310,
-25.8978, -46.9467

■ 0.0000, 0.0000,
0.0000

■ 229.2800,
-18.3790, -31.8176

■ 241.2570, -9.9867,

-16.8884

253.1200, -2.0312,
-1.8592

77.1860, -19.3187,
-57.1681

77.1860, -19.3187,
-57.1681

72.5720, -21.4810,
-63.6456

81.8000, -17.1564,
-50.6906

86.4140, -14.9941,
-44.2131

90.7290, -12.6844,
-38.3503

95.3430, -10.5221,
-31.8728

99.9570, -8.3598,
-25.3953

■ 104.4570, -6.6343,
-18.8178

■ 109.0710, -4.4720,
-12.3403

■ 113.3860, -2.1623,
-6.4775

■ 118.0000, 0.0000,
0.0000

Harmonies

Analogous

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



91.4800, -45.0996, -1.2980



77.1860, -19.3187, -57.1681



81.5320, 2.6957, -71.5036

Triad

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



77.1860, -19.3187, -57.1681



87.5010, 53.4900, -76.7384



93.9930, -12.3215, 78.9361

Complementary

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



77.1860, -19.3187, -57.1681



52.8140, 19.3187, 57.1681

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.



96.6820, 9.5238, 72.1929



77.1860, -19.3187, -57.1681



98.6540, 45.0336, -24.2526

Square

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



77.1860, -19.3187, -57.1681



90.5040, 42.1495, -79.3720



103.3860, 28.4037, 36.4955



96.2210, -35.1120, 62.0732

Rectangle

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



77.1860, -19.3187, -57.1681



85.8810, 16.8207, -75.3176



103.3860, 28.4037, 36.4955



93.7680, -4.3226, 80.0105

Sweetspot

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



77.1860, -19.3187, -57.1681



137.2070, -7.4971, -22.1065



98.4410, -42.6154, -4.7718



67.3590, -4.6140, -13.4698



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.



77.1860, -19.3187, -57.1681



94.1430, -27.6785, -82.5634



83.1140, 3.3948, -62.3670



56.6360, -1.2995, -3.1888



75.0340, -22.2018, -65.8048



153.7040, -45.7031, -134.7984

Inverse Universe

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



52.8140, 19.3187, 57.1681



58.8570, 27.6785, 82.5634



46.8860, -3.3948, 62.3670



55.2500, 0.8628, 3.2888



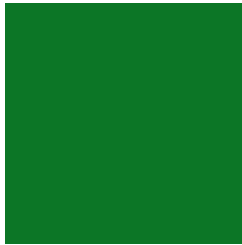
46.9660, 22.2018, 65.8048



96.2960, 45.7031, 134.7984

Previews

White Background



This preview shows how the YUV color 77.1860, -19.3187, -57.1681 looks on a white background.

Color Contrast Check

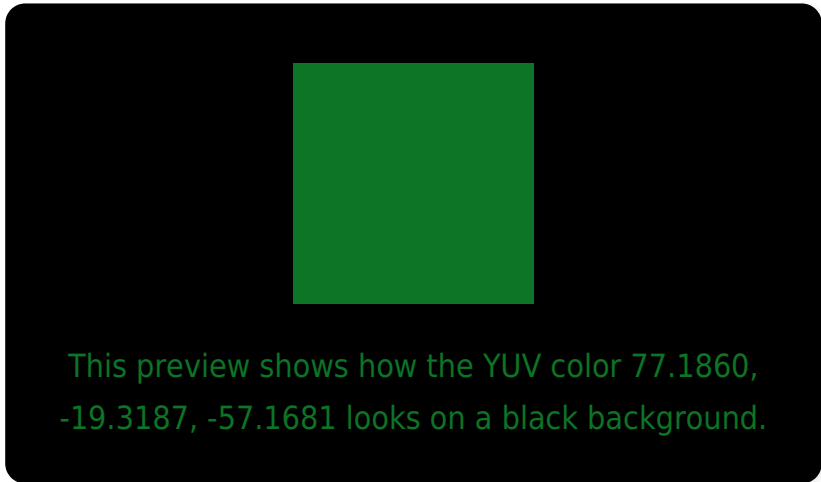
Large Text (above 18pt) WCAG AA ✓ Pass

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 77.1860, -19.3187, -57.1681 Background



This preview shows how black text looks on a background with the YUV color 77.1860, -19.3187, -57.1681.



This preview shows how white text looks on a background with the YUV color 77.1860, -19.3187, -57.1681.

-57.1681.

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

77.1860, -19.3187, -57.1681

Protanopia

96.9500, -31.0343, 14.0758

Deuteranopia

98.8570, -26.5515, 22.9274



Tritanopia

92.7870, 12.9230, -38.4012

Trichromacy



Original Color

77.1860, -19.3187, -57.1681



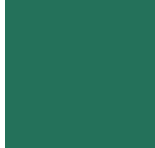
Protanomaly

89.5230, -26.8798, -11.8597



Deuteranomaly

90.9520, -24.1333, -6.0969



Tritanomaly

87.3550, 1.3040, -45.0383

Monochromacy



Original Color

77.1860, -19.3187, -57.1681



Achromatopsia

77.0000, 0.0000, 0.0000



Achromatomaly

77.0330, -6.9183, -21.0769

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.1860, -19.3187, -57.1681 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(12, 118, 38)` looks like.

```
.text, #text, p{  
    color:rgb(12, 118, 38)  
}
```

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(12, 118, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 118, 38) }
```

Border

The CSS property to change the border of an element to YUV 77.1860, -19.3187, -57.1681 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(12, 118, 38) }
```


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

```
.border{ border-color:rgb(12, 118, 38) }
```

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

Here you see how a box with a 4 pixel rgb(12, 118, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 118, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 118, 38);  
box-shadow:4px 4px 4px 4px rgb(12, 118,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 77.1860, -19.3187, -57.1681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 118, 38) }
```

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

```
.background{ background-color: rgb(12, 118,  
38) }
```

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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