

Converting Colors

YUV(71.0900, -27.1594,
-62.3459)

Have a look what the booklet for
YUV(71.0900, -27.1594, -62.3459)
contains.

YUV(71.0900, -27.1594, -62.3459)	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(71.0900, -27.1594,
-62.3459)**

Conversions

Conversions Part 1

Format	Color
Hex	007610
RGB	0, 118, 16
RGB Percent	0%, 46%, 6%
CMY	1.0000, 0.5373, 0.9373
CMYK	1.00, 0.00, 0.86, 0.54
HSL	128°, 100%, 23%
HSV	128°, 100%, 46%
XYZ	6.5720, 12.9943, 2.6520
YIQ	71.0900, -37.5860, -56.7380

Conversions

Conversions Part 2

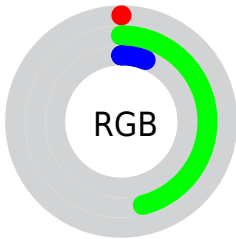
Format	Color
RYB	0, 104, 118
Decimal	30224
CIELab	42.75, -48.03, 43.33
CIELCh	43, 64.686, 137.948
Yxy	12.9943, 0.2958, 0.5848
Android (android.graphics.Color)	4278220304 (0xFF007610)
YUV	71.0900, -27.1594, -62.3459
Hunter-Lab	36.0476, -30.5403, 20.8714

Details

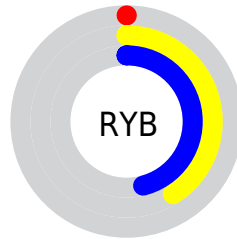
The YUV color **71.0900, -27.1594, -62.3459** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **46.9100, 27.1594, 62.3459**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.5650, -30.8445, -46.9765**, and **39.9160, -19.6786, -35.0063** is the 20% darker color. If you saturate the color by 10%, you get **71.0900, -27.1594, -62.3459**, and if you desaturate by 10%, it is **75.8180, -24.5603, -55.9684**.

Distribution



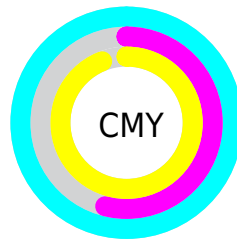
- Red (0%)
- Green (46%)
- Blue (6%)



- Red (0%)
- Yellow (41%)
- Blue (46%)



- Cyan (100%)
- Magenta (0%)
- Yellow (86%)
- Black (54%)



- Cyan (100%)
- Magenta (54%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.0900, -27.1594, -62.3459 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 71.0900, -27.1594, -62.3459 by changing the saturation by 10% instead.

■ 71.0900, -27.1594,
-62.3459

■ 71.0900, -27.1594,
-62.3459

255.0000, 0.0000,
0.0000

■ 54.5910, -26.9134,
-47.8763

■ 131.5650,
-30.8445, -46.9765

■ 39.9160, -19.6786,
-35.0063

■ 159.3370,
-31.7181, -46.7765

■ 27.0020, -13.3120,
-23.6808

■ 187.6960,
-32.8811, -47.0914

■ 9.9790, -4.9196,
-8.7516


■ 215.2940,
-33.1759, -45.8618


■ 0.0000, 0.0000,
0.0000


■ 227.0430,
-25.6572, -30.7327


■ 238.9060,


-17.7017, -15.7036


 250.7690, -9.7461,
-0.6744


 71.0900, -27.1594,
-62.3459

 75.8180, -24.5603,
-55.9684

 80.5460, -21.9612,
-49.5908

 85.0890, -18.7779,
-43.9281

 89.8170, -16.1788,
-37.5505

 94.5450, -13.5797,
-31.1730

■ 99.2730, -10.9806,
-24.7954

■ 104.0010, -8.3815,
-18.4179

■ 108.5440, -5.1982,
-12.7551

■ 113.2720, -2.5991,
-6.3775

Harmonies

Analogous

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



91.2030, -44.9631, 1.5760



71.0900, -27.1594, -62.3459



80.9790, -1.9616, -71.0186

Triad

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



71.0900, -27.1594, -62.3459



90.4020, 56.9898, -79.2826



86.4600, -7.1288, 93.4356

Complementary

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



71.0900, -27.1594, -62.3459



46.9100, 27.1594, 62.3459

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.



90.9850, 16.7694, 81.5742



71.0900, -27.1594, -62.3459



87.0830, 57.6401, -54.4468

Square

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



71.0900, -27.1594, -62.3459



92.1340, 43.3179, -80.8015



102.6830, 34.6663, 34.4810



92.9450, -36.4549, 72.8392

Rectangle

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



71.0900, -27.1594, -62.3459



85.7840, 13.9105, -75.2326



102.6830, 34.6663, 34.4810



85.4630, 1.7437, 94.3099

Sweetspot

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



71.0900, -27.1594, -62.3459



134.6860, -10.6912, -24.2806



99.7640, -49.1837, 1.9610



65.8920, -6.3558, -14.8143



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.



71.0900, -27.1594, -62.3459



92.2050, -35.1041, -80.8638



77.8160, -1.3883, -68.2446



56.6360, -1.2995, -3.1888



73.5520, -27.8801, -64.5051



150.6260, -57.4966, -132.0990

Inverse Universe

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



46.9100, 27.1594, 62.3459



60.7950, 35.1041, 80.8638



40.1840, 1.3883, 68.2446



55.3640, 1.2995, 3.1888



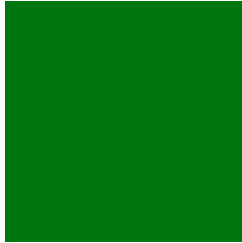
48.5620, 28.3169, 64.4051



99.3740, 57.4966, 132.0990

Previews

White Background



This preview shows how the YUV color 71.0900, -27.1594, -62.3459 looks on a white background.

Color Contrast Check

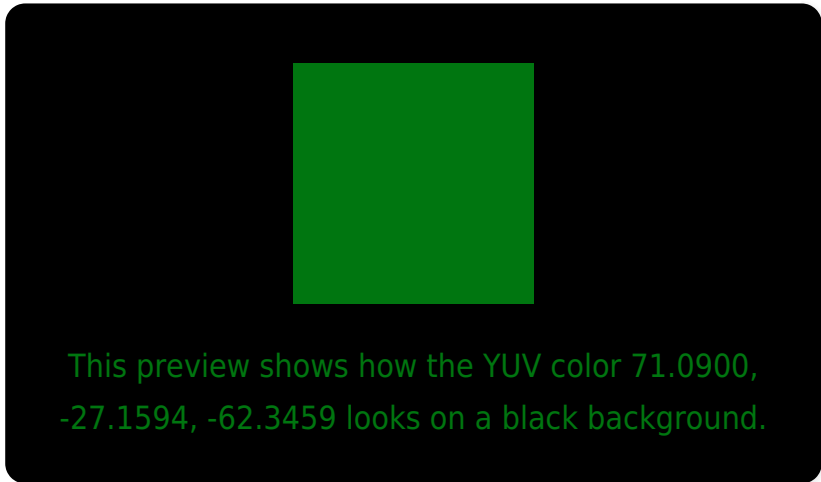
Large Text (above 18pt) WCAG AA ✓ Pass

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

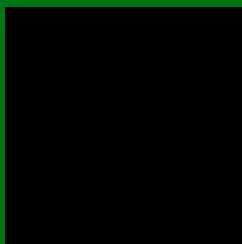
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.0900, -27.1594, -62.3459

Background



This preview shows how black text looks on a background with the YUV color 71.0900, -27.1594, -62.3459.



This preview shows how white text looks on a background with the YUV color 71.0900, -27.1594,

-62.3459.

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

71.0900, -27.1594, -62.3459

Protanopia

94.5130, -41.6649, 17.0901

Deuteranopia

97.4460, -33.2509, 25.0419



Tritanopia

92.7870, 12.9230, -38.4012

Trichromacy



Original Color

71.0900, -27.1594, -62.3459

Protanomaly

86.0040, -36.4840, -11.4045

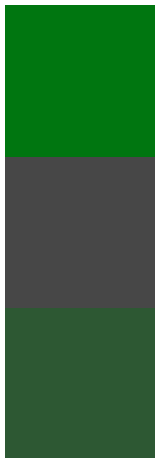
Deuteranomaly

87.8180, -30.9693, -6.8564

Tritanomaly

84.9480, -1.4534, -47.3124

Monochromacy



Original Color

71.0900, -27.1594, -62.3459

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.9250, -9.8230, -22.7362

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.0900, -27.1594, -62.3459 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, 118, 16)` looks like.

```
.text, #text, p{  
    color:rgb(0, 118, 16)  
}
```

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, 118, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 118, 16) }
```

Border

The CSS property to change the border of an element to YUV 71.0900, -27.1594, -62.3459 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, 118, 16) }
```


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

```
.border{ border-color:rgb(0, 118, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 118, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 118, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 118, 16);  
box-shadow:4px 4px 4px 4px rgb(0, 118, 16)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.0900, -27.1594, -62.3459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 118, 16) }
```

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

```
.background{ background-color: rgb(0, 118,  
16) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor