

Converting Colors

YUV(72.7470, -16.6373,
-30.4731)

Have a look what the booklet for
YUV(72.7470, -16.6373, -30.4731)
contains.

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Color

**YUV(72.7470, -16.6373,
-30.4731)**

Conversions

Conversions Part 1

Format	Color
Hex	266127
RGB	38, 97, 39
RGB Percent	15%, 38%, 15%
CMY	0.8510, 0.6196, 0.8471
CMYK	0.61, 0.00, 0.60, 0.62
HSL	121°, 44%, 26%
HSV	121°, 61%, 38%
XYZ	5.4402, 9.1079, 3.3907
YIQ	72.7470, -16.5460, -30.5460

Conversions

Conversions Part 2

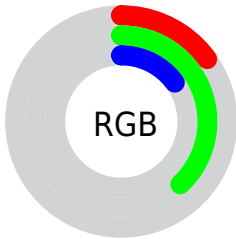
Format	Color
R_{YB}	38, 96, 97
Decimal	2515239
CIE _{Lab}	36.19, -32.27, 27.06
CIE _{LCh}	36, 42.116, 140.017
Yxy	9.1079, 0.3033, 0.5077
Android (android.graphics.Color)	4280705319 (0xFF266127)
YUV	72.7470, -16.6373, -30.4731
Hunter-Lab	30.1794, -20.6369, 14.4642

Details

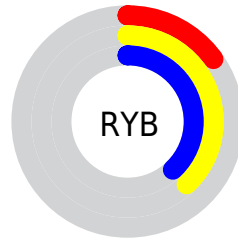
The YUV color **72.7470, -16.6373, -30.4731** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **62.2530, 16.6373, 30.4731**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.5900, -18.5319, -29.4584**, and **28.7630, -14.1802, -25.2252** is the 20% darker color. If you saturate the color by 10%, you get **68.6170, -19.5312, -35.6211**, and if you desaturate by 10%, it is **76.8770, -13.7434, -25.3251**.

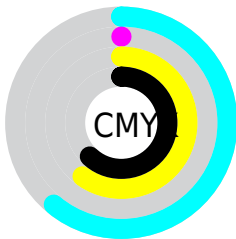
Distribution



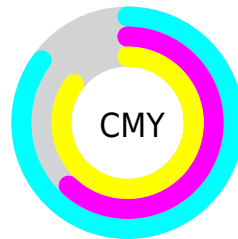
- Red (15%)
- Green (38%)
- Blue (15%)



- Red (15%)
- Yellow (38%)
- Blue (38%)



- Cyan (61%)
- Magenta (0%)
- Yellow (60%)
- Black (62%)



- Cyan (85%)
- Magenta (62%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.7470, -16.6373, -30.4731 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 72.7470, -16.6373, -30.4731 by changing the saturation by 10% instead.

■ 72.7470, -16.6373,
-30.4731

■ 72.7470, -16.6373,
-30.4731

255.0000, 0.0000,
0.0000

■ 46.7680, -15.1686,
-34.8765

■ 123.5900,
-18.5319, -29.4584

■ 28.7630, -14.1802,
-25.2252

■ 150.0630,
-19.2581, -29.8733

■ 17.6100, -8.6817,
-15.4440

■ 177.2370,
-19.8368, -30.9028

■ 0.0000, 0.0000,
0.0000

■ 205.0090,
-20.7104, -30.7029

■ 230.5470,
-19.9897, -28.5437

■ 242.1110,

-11.8867, -14.1293

254.0880, -3.4944,
0.7998

72.7470, -16.6373,
-30.4731

72.7470, -16.6373,
-30.4731

68.6170, -19.5312,
-35.6211

76.8770, -13.7434,
-25.3251

64.9000, -22.1357,
-40.2543

80.5940, -11.1388,
-20.6919

60.7700, -25.0296,
-45.4023

84.7240, -8.2449,
-15.5439

57.1670, -27.1973,
-50.1355

88.7400, -5.7878,
-10.2960

92.8700, -2.8939,
-5.1480

■ 96.5870, -0.2894,
-0.5148

■ 100.7170, 2.6045,
4.6332

■ 104.7330, 5.0616,
9.8812

■ 108.5640, 8.1029,
14.4144

Harmonies

Analogous

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



78.4170, -32.7436, 2.2653



72.7470, -16.6373, -30.4731



66.9080, 2.5104, -58.6783

Triad

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



72.7470, -16.6373, -30.4731



71.3320, 39.7693, -62.5582



82.6480, -9.1935, 55.5597

Complementary

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



72.7470, -16.6373, -30.4731



62.2530, 16.6373, 30.4731

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.



84.7300, 6.5421, 48.4718



72.7470, -16.6373, -30.4731



83.3700, 32.3556, -17.8645

Square

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



72.7470, -16.6373, -30.4731



73.6170, 30.7548, -64.5621



87.8330, 20.2953, 23.8255



82.9830, -24.1486, 45.6189

Rectangle

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



72.7470, -16.6373, -30.4731



70.2310, 12.7041, -61.5926



87.8330, 20.2953, 23.8255



82.7280, -3.8099, 55.4895

Sweetspot

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



72.7470, -16.6373, -30.4731



115.6150, -6.2192, -11.9404



89.9750, -25.6237, 5.2839



58.2180, -4.0515, -7.2072



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



72.7470, -16.6373, -30.4731



87.5310, -25.8978, -46.9467



76.0530, -3.9701, -33.3725



46.3480, -1.1576, -2.0592



65.9720, -31.5382, -57.8574



141.3360, -67.7066, -123.9517

Inverse Universe

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



62.2530, 16.6373, 30.4731



71.3550, 25.4610, 47.0467



58.9470, 3.9701, 33.3725



45.6520, 1.1576, 2.0592



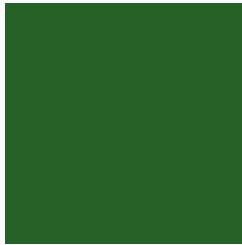
46.0280, 31.5382, 57.8574



98.6640, 67.7066, 123.9517

Previews

White Background



This preview shows how the YUV color 72.7470, -16.6373, -30.4731 looks on a white background.

Color Contrast Check

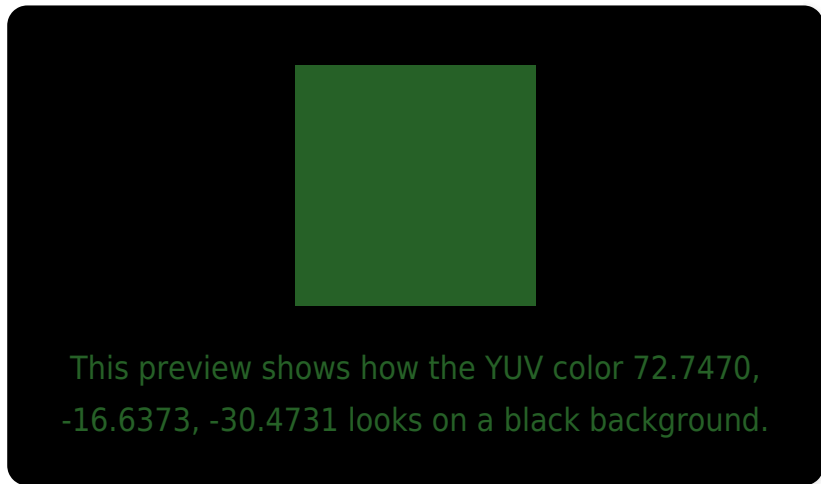
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 72.7470, -16.6373, -30.4731

Background



This preview shows how black text looks on a background with the YUV color 72.7470, -16.6373, -30.4731.



This preview shows how white text looks on a background with the YUV color 72.7470, -16.6373, -30.4731.

-30.4731.

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

72.7470, -16.6373, -30.4731

Protanopia

81.9910, -23.1666, 10.5319

Deuteranopia

83.6590, -19.5519, 17.8391



Tritanopia

80.1370, 8.8065, -24.6761

Trichromacy



Original Color

72.7470, -16.6373, -30.4731

Protanomaly

78.4730, -20.9392, -3.9228

Deuteranomaly

79.7770, -18.6241, 0.1956

Tritanomaly

77.4220, -0.2080, -26.6801

Monochromacy



Original Color

72.7470, -16.6373, -30.4731

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.0280, -5.9298, -11.4256

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.7470, -16.6373, -30.4731 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(38, 97, 39)` looks like.

```
.text, #text, p{  
    color:rgb(38, 97, 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(38, 97, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 97, 39) }
```

Border

The CSS property to change the border of an element to YUV 72.7470, -16.6373, -30.4731 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(38, 97, 39) }
```


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

```
.border{ border-color:rgb(38, 97, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 97, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 97, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 97, 39);  
box-shadow:4px 4px 4px 4px rgb(38, 97, 39)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.7470, -16.6373, -30.4731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 97, 39) }
```

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

```
.background{ background-color: rgb(38, 97,  
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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