

Converting Colors

YUV(101.4730, -7.6282,
-26.7248)

Have a look what the booklet for
YUV(101.4730, -7.6282, -26.7248)
contains.

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Color

**YUV(101.4730, -7.6282,
-26.7248)**

Conversions

Conversions Part 1

Format	Color
Hex	477856
RGB	71, 120, 86
RGB Percent	28%, 47%, 34%
CMY	0.7216, 0.5294, 0.6627
CMYK	0.41, 0.00, 0.28, 0.53
HSL	138°, 26%, 37%
HSV	138°, 41%, 47%
XYZ	10.9947, 15.4444, 11.2057
YIQ	101.4730, -18.2900, -20.9620

Conversions

Conversions Part 2

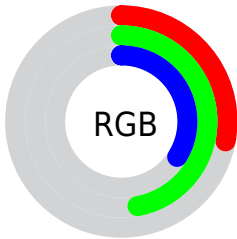
Format	Color
RYB	71, 109, 120
Decimal	4683862
CIELab	46.24, -24.64, 13.58
CIElCh	46, 28.134, 151.139
Yxy	15.4444, 0.2921, 0.4103
Android (android.graphics.Color)	4282873942 (0xFF477856)
YUV	101.4730, -7.6282, -26.7248
Hunter-Lab	39.2994, -18.8353, 10.6038

Details

The YUV color **101.4730, -7.6282, -26.7248** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **89.5270, 7.6282, 26.7248**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.5330, -8.6438, -27.6544**, and **52.9290, -5.8810, -27.1247** is the 20% darker color. If you saturate the color by 10%, you get **96.9730, -9.3537, -33.3023**, and if you desaturate by 10%, it is **105.9730, -5.9027, -20.1473**.

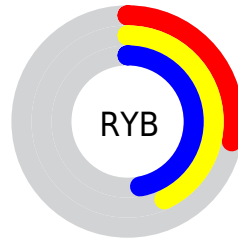
Distribution



Red (28%)

Green (47%)

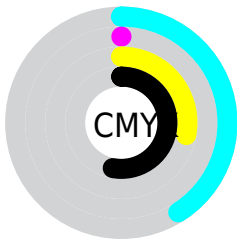
Blue (34%)



Red (28%)

Yellow (43%)

Blue (47%)

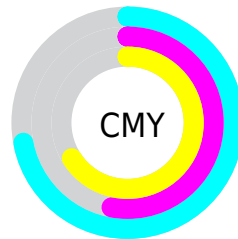


Cyan (41%)

Magenta (0%)

Yellow (28%)

Black (53%)



Cyan (72%)

Magenta (53%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.4730, -7.6282, -26.7248 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 101.4730, -7.6282, -26.7248 by changing the saturation by 10% instead.

■ 101.4730, -7.6282,
-26.7248

■ 101.4730, -7.6282,
-26.7248

255.0000, 0.0000,
0.0000

■ 77.0000, -6.9020,
-26.3100

■ 153.5330, -8.6438,
-27.6544

■ 52.9290, -5.8810,
-27.1247

■ 180.1200, -8.9332,
-28.1692

■ 30.4560, -5.1548,
-26.7099

■ 207.7070, -9.2226,
-28.6840

■ 17.0230, -8.3923,
-14.9292

■ 235.1200, -8.9332,
-28.1692

■ 0.0000, 0.0000,
0.0000

■ 246.7980, -0.3934,
-13.8548

■ 101.4730, -7.6282,
-26.7248

■ 101.4730, -7.6282,
-26.7248

■ 96.9730, -9.3537,
-33.3023

■ 105.9730, -5.9027,
-20.1473

■ 92.3590, -11.5160,
-39.7798

■ 110.5870, -3.7404,
-13.6698

■ 87.8590, -13.2415,
-46.3573

■ 115.0870, -2.0149,
-7.0923

■ 83.3590, -14.9670,
-52.9348

■ 119.5870, -0.2894,
-0.5148

■ 78.7450, -17.1293,
-59.4124

■ 124.2010, 1.8729,
5.9627

■ 74.6580, -18.5654,
-65.4751

■ 128.7010, 3.5984,
12.5402

■ 133.2010, 5.3239,
19.1177

■ 137.8150, 7.4862,

25.5952

■ 142.3150, 9.2117,
32.1727

Harmonies

Analogous

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



104.8580, -18.1710, -5.1375



101.4730, -7.6282, -26.7248



95.2170, 7.2880, -51.0563

Triad

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



101.4730, -7.6282, -26.7248



106.2520, 24.5258, -26.5310



110.4410, -12.0494, 38.2012

Complementary

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



101.4730, -7.6282, -26.7248



89.5270, 7.6282, 26.7248

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.



112.0030, -0.9875, 36.8314



101.4730, -7.6282, -26.7248



111.3480, 19.0554, 1.4488

Square

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



101.4730, -7.6282, -26.7248



95.6350, 26.8019, -56.6849



112.7870, 9.9650, 23.8658



109.3230, -19.8792, 29.5347

Rectangle

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



101.4730, -7.6282, -26.7248



87.7720, 18.8464, -71.7140



112.7870, 9.9650, 23.8658



111.0650, -8.4130, 38.5310

Sweetspot

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



101.4730, -7.6282, -26.7248



148.8370, -2.8776, -10.3810



109.9290, -19.1920, -4.3227



74.7990, -1.8729, -5.9627



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.



101.4730, -7.6282, -26.7248



126.9350, -11.8000, -42.0390



104.2090, 2.8550, -29.1243



58.7500, -0.8627, -3.2887



77.7070, -19.5756, -68.1490



156.7020, -39.2931, -137.4277

Inverse Universe

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



89.5270, 7.6282, 26.7248



108.0650, 11.8000, 42.0390



86.7910, -2.8550, 29.1243



57.2500, 0.8628, 3.2887



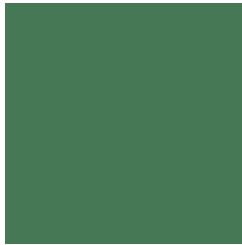
47.2930, 19.5756, 68.1490



95.2980, 39.2931, 137.4277

Previews

White Background



This preview shows how the YUV color 101.4730, -7.6282, -26.7248 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 101.4730, -7.6282, -26.7248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

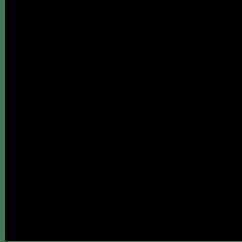
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 101.4730, -7.6282, -26.7248

Background



This preview shows how black text looks on a background with the YUV color 101.4730, -7.6282, -26.7248.



This preview shows how white text looks on a background with the YUV color 101.4730, -7.6282, -26.7248.

-26.7248.

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

101.4730, -7.6282, -26.7248

Protanopia

108.2000, -13.4096, 7.7176

Deuteranopia

109.4550, -10.0843, 14.5100



Tritanopia

105.2620, 9.2378, -23.0318

Trichromacy



Original Color

101.4730, -7.6282, -26.7248

Protanomaly

105.6930, -11.1876, -4.9928

Deuteranomaly

106.2960, -9.0199, -0.2596

Tritanomaly

103.9430, 2.9861, -24.5060

Monochromacy



Original Color

101.4730, -7.6282, -26.7248

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.2500, -2.5882, -9.8663

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.4730, -7.6282, -26.7248 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(71, 120, 86)` looks like.

```
.text, #text, p{  
    color:rgb(71, 120, 86)  
}
```

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(71, 120, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 120, 86) }
```

Border

The CSS property to change the border of an element to YUV 101.4730, -7.6282, -26.7248 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(71, 120, 86) }
```


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

```
.border{ border-color:rgb(71, 120, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 120, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 120, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 120, 86);  
box-shadow:4px 4px 4px 4px rgb(71, 120,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 101.4730, -7.6282, -26.7248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 120, 86) }
```

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

```
.background{ background-color: rgb(71, 120,  
86) }
```

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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