

Converting Colors

YUV(111.3030, -12.9674,
5.8733)

Have a look what the booklet for
YUV(111.3030, -12.9674, 5.8733)
contains.

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Color

**YUV(111.3030, -12.9674,
5.8733)**

Conversions

Conversions Part 1

Format	Color
Hex	767155
RGB	118, 113, 85
RGB Percent	46%, 44%, 33%
CMY	0.5373, 0.5569, 0.6667
CMYK	0.00, 0.04, 0.28, 0.54
HSL	51°, 16%, 40%
HSV	51°, 28%, 46%
XYZ	15.0160, 16.3177, 10.9525
YIQ	111.3030, 11.9680, -7.6480

Conversions

Conversions Part 2

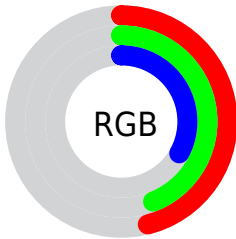
Format	Color
RYB	91, 118, 85
Decimal	7762261
CIELab	47.39, -2.93, 16.28
CIELCh	47, 16.538, 100.201
Yxy	16.3177, 0.3551, 0.3859
Android (android.graphics.Color)	4285952341 (0xFF767155)
YUV	111.3030, -12.9674, 5.8733
Hunter-Lab	40.3952, -4.3380, 12.2010

Details

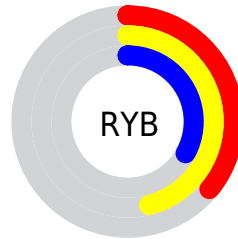
The YUV color **111.3030, -12.9674, 5.8733** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **91.6970, 12.9674, -5.8733**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.3740, -13.9884, 6.6880**, and **63.3460, -11.5096, 4.9586** is the 20% darker color. If you saturate the color by 10%, you get **108.7610, -17.6302, 8.1026**, and if you desaturate by 10%, it is **113.8450, -8.3046, 3.6439**.

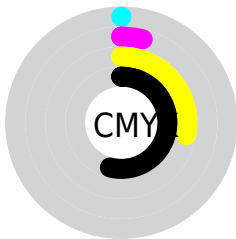
Distribution



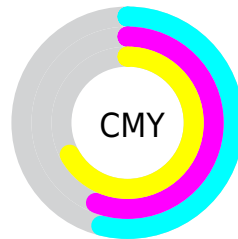
- Red (46%)
- Green (44%)
- Blue (33%)



- Red (36%)
- Yellow (46%)
- Blue (33%)



- Cyan (0%)
- Magenta (4%)
- Yellow (28%)
- Black (54%)



- Cyan (54%)
- Magenta (56%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.3030, -12.9674, 5.8733 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 111.3030, -12.9674, 5.8733 by changing the saturation by 10% instead.

■ 111.3030,
-12.9674, 5.8733

■ 111.3030,
-12.9674, 5.8733

■ 255.0000, 0.0000,
0.0000

■ 87.1180, -12.3832,
5.1585

■ 163.3740,
-13.9884, 6.6880

■ 63.3460, -11.5096,
4.9586

■ 190.2600,
-14.4252, 6.7880

■ 41.1610, -10.9254,
4.2438

■ 218.1460,
-14.8620, 6.8880

■ 21.2750, -10.4886,
4.1438

■ 246.4450,
-15.0094, 7.5027

■ 0.0000, 0.0000,
0.0000

■ 253.7460, -4.8048,
1.0998

■ 111.3030,
-12.9674, 5.8733

■ 111.3030,
-12.9674, 5.8733

■ 108.7610,
-17.6302, 8.1026

■ 113.8450, -8.3046,
3.6439

■ 106.2190,
-22.2930, 10.3319

■ 116.3870, -3.6418,
1.4146

■ 104.3780,
-26.8084, 11.9465

■ 118.2280, 0.8736,
-0.2000

■ 101.8360,
-31.4711, 14.1758

■ 120.7700, 5.5364,
-2.4293

■ 99.2940, -36.1339,
16.4052

■ 123.3120, 10.1992,
-4.6586

■ 96.7520, -40.7967,
18.6345

■ 125.8540, 14.8620,
-6.8880

■ 94.2100, -45.4595,
20.8638

■ 128.3960, 19.5248,
-9.1173

■ 93.9820, -46.3331,

■ 130.2370, 24.0402,

21.0638

-10.7318

■ 132.7790, 28.7030,
-12.9612

Harmonies

Analogous

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



112.4830, -12.5631, 16.2394



111.3030, -12.9674, 5.8733



109.5510, -9.1456, -6.6222

Triad

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



111.3030, -12.9674, 5.8733



106.7990, 11.4381, -28.7647



115.0220, 3.4402, 16.6437

Complementary

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



111.3030, -12.9674, 5.8733



91.6970, 12.9674, -5.8733

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.



114.2640, 9.7298, 5.9075



111.3030, -12.9674, 5.8733



108.9400, 14.3266, -21.8724

Square

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



111.3030, -12.9674, 5.8733



106.2030, 5.3229, -27.3650



112.2020, 13.7044, -8.9472



114.3450, -3.1281, 23.3764

Rectangle

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



111.3030, -12.9674, 5.8733



108.5330, -5.1928, -14.4994



112.2020, 13.7044, -8.9472



114.8690, 5.4876, 13.2699

Sweetspot

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



111.3030, -12.9674, 5.8733



150.4580, -4.6628, 2.2293



95.4370, -2.6804, 19.7878



74.9140, -2.9156, 1.8294



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.



111.3030, -12.9674, 5.8733



142.3760, -20.3984, 9.3172



110.9490, -12.7929, -3.4633



57.7290, -2.3314, 1.1147



97.5260, -48.0803, 21.4637



199.1940, -98.2026, 44.5569

Inverse Universe

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



91.6970, 12.9674, -5.8733



111.6240, 20.3984, -9.3172



92.0510, 12.7929, 3.4633



54.2710, 2.3314, -1.1147



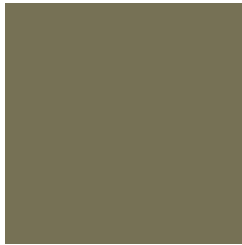
25.0610, 47.7909, -21.9785



50.8060, 98.2026, -44.5569

Previews

White Background



This preview shows how the YUV color 111.3030, -12.9674, 5.8733 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 111.3030, -12.9674, 5.8733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

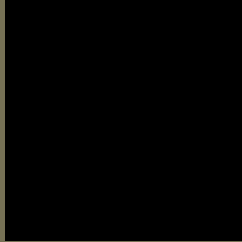
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.3030, -12.9674, 5.8733

Background



This preview shows how black text looks on a background with the YUV color 111.3030, -12.9674, 5.8733.



This preview shows how white text looks on a background with the YUV color 111.3030, -12.9674, 5.8733.

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

111.3030, -12.9674, 5.8733

Protanopia

111.3140, -12.9728, 7.6176

Deuteranopia

112.6680, -13.1473, 16.9542



Tritanopia

113.7990, 1.5781, 7.1923

Trichromacy



Original Color

111.3030, -12.9674, 5.8733

Protanomaly

111.0150, -12.8254, 7.0028

Deuteranomaly

112.3470, -12.9891, 12.8507

Tritanomaly

112.7190, -3.8055, 7.2624

Monochromacy



Original Color

111.3030, -12.9674, 5.8733

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.4580, -4.6628, 2.2293

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.3030, -12.9674, 5.8733 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(118, 113, 85)` looks like.

```
.text, #text, p{  
    color:rgb(118, 113, 85)  
}
```

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(118, 113, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 113, 85) }
```

Border

The CSS property to change the border of an element to YUV 111.3030, -12.9674, 5.8733 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(118, 113, 85) }
```


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

```
.border{ border-color:rgb(118, 113, 85) }
```

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

Here you see how a box with a 4 pixel rgb(118, 113, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 113, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 113, 85);  
box-shadow:4px 4px 4px 4px rgb(118, 113,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 111.3030, -12.9674, 5.8733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 113, 85) }
```

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

```
.background{ background-color: rgb(118,  
113, 85) }
```

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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