

Converting Colors

YUV(27.1330, -11.8976,
-10.6406)

Have a look what the booklet for
YUV(27.1330, -11.8976, -10.6406)
contains.

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Color

**YUV(27.1330, -11.8976,
-10.6406)**

Conversions

Conversions Part 1

Format	Color
Hex	0F2603
RGB	15, 38, 3
RGB Percent	6%, 15%, 1%
CMY	0.9412, 0.8510, 0.9882
CMYK	0.61, 0.00, 0.92, 0.85
HSL	99°, 85%, 8%
HSV	99°, 92%, 15%
XYZ	0.9066, 1.4944, 0.3268
YIQ	27.1330, -2.4730, -15.7610

Conversions

Conversions Part 2

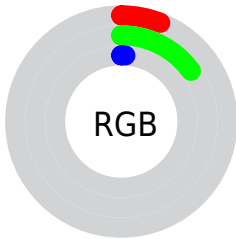
Format	Color
R_YB	3, 38, 26
Decimal	992771
CIE Lab	12.57, -17.12, 17.00
CIE LCh	13, 24.127, 135.198
Yxy	1.4944, 0.3323, 0.5478
Android (android.graphics.Color)	4279182851 (0xFF0F2603)
YUV	27.1330, -11.8976, -10.6406
Hunter-Lab	12.2244, -8.1553, 6.9720

Details

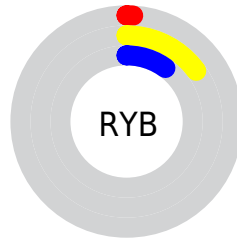
The YUV color **27.1330, -11.8976, -10.6406** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **13.8670, 11.8976, 10.6406**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **71.6490, -11.1660, -11.9702**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **26.1930, -12.9131, -11.5703**, and if you desaturate by 10%, it is **28.1870, -10.4452, -9.8110**.

Distribution



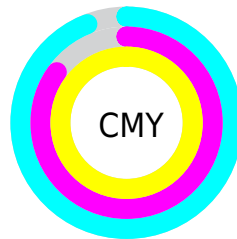
- Red (6%)
- Green (15%)
- Blue (1%)



- Red (1%)
- Yellow (15%)
- Blue (10%)



- Cyan (61%)
- Magenta (0%)
- Yellow (92%)
- Black (85%)



- Cyan (94%)
- Magenta (85%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.1330, -11.8976, -10.6406 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 27.1330, -11.8976, -10.6406 by changing the saturation by 10% instead.

■ 27.1330, -11.8976,
-10.6406

■ 27.1330, -11.8976,
-10.6406

■ 247.8500, -9.2930,
-6.0074

■ 9.3920, -4.6303,
-8.2368

■ 71.6490, -11.1660,
-11.9702

■ 0.0000, 0.0000,
0.0000

■ 95.8230, -11.7447,
-12.9998


■ 120.7090,
-12.1815, -12.8998


■ 146.2960,
-12.4709, -13.4146


■ 173.0680,
-13.3445, -13.2146


■ 200.6550,


-13.6339, -13.7294


 228.5410,
-14.0707, -13.6295


 27.1330, -11.8976,
-10.6406


 27.1330, -11.8976,
-10.6406


 26.1930, -12.9131,
-11.5703

 28.1870, -10.4452,
-9.8110

 29.5400, -9.1402,
-8.3666

 30.4800, -8.1246,
-7.4370

 31.8330, -6.8197,
-5.9925

 32.8870, -5.3673,
-5.1629

■ 34.2400, -4.0623,
-3.7185

■ 35.2940, -2.6099,
-2.8888

■ 36.5330, -1.7418,
-1.3444

■ 37.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



30.1240, -14.8511, 3.3993



27.1330, -11.8976, -10.6406



26.2160, -1.0925, -22.9914

Triad

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



27.1330, -11.8976, -10.6406



29.1290, 17.6844, -25.5461



31.0790, -2.9969, 27.9947

Complementary

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



27.1330, -11.8976, -10.6406



13.8670, 11.8976, 10.6406

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.



32.6960, 4.5869, 22.1916



27.1330, -11.8976, -10.6406



30.6790, 16.9203, -13.7505

Square

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



27.1330, -11.8976, -10.6406



29.8640, 12.8850, -26.1907



33.6280, 11.0294, 9.0962



31.1250, -12.8796, 24.4464

Rectangle

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



27.1330, -11.8976, -10.6406



27.4700, 3.7123, -24.0912



33.6280, 11.0294, 9.0962



31.3500, -0.6656, 26.8800

Sweetspot

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



27.1330, -11.8976, -10.6406



44.1260, -4.4991, -3.6185



26.9660, -11.8152, 9.6768



23.1800, -3.0467, -2.7889



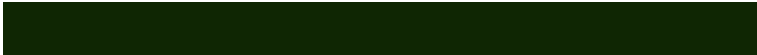
153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



27.1330, -11.8976, -10.6406



33.2590, -16.3967, -14.2591



24.1150, -7.9447, -18.5179



17.4730, -0.7262, -0.4148



56.5060, -27.8575, -24.9998



144.2110, -71.0960, -63.3290

Inverse Universe

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



13.8670, 11.8976, 10.6406



15.0400, 16.2493, 14.8739



16.8850, 7.9447, 18.5179



16.5270, 0.7262, 0.4148



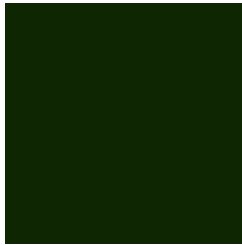
25.4940, 27.8575, 24.9998



64.7890, 71.0960, 63.3290

Previews

White Background



This preview shows how the YUV color 27.1330, -11.8976, -10.6406 looks on a white background.

Color Contrast Check

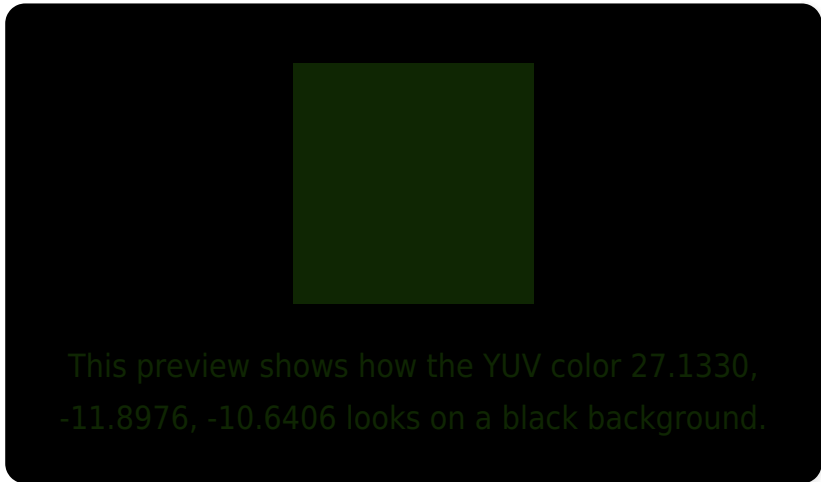
Large Text (above 18pt) WCAG AA ✓ Pass

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

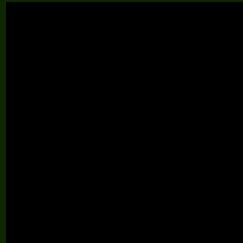
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.1330, -11.8976, -10.6406

Background



This preview shows how black text looks on a background with the YUV color 27.1330, -11.8976, -10.6406.



This preview shows how white text looks on a background with the YUV color 27.1330, -11.8976,

-10.6406.

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

27.1330, -11.8976, -10.6406

Protanopia

30.4340, -15.0040, 5.7584

Deuteranopia

31.6670, -11.6678, 9.0620



Tritanopia

31.1560, 3.3741, -8.9068

Trichromacy



Original Color

27.1330, -11.8976, -10.6406

Protanomaly

29.3300, -13.9667, -0.2894

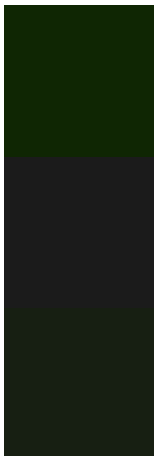
Deuteranomaly

30.2100, -11.9355, 1.5698

Tritanomaly

29.6630, -2.2989, -9.3515

Monochromacy



Original Color

27.1330, -11.8976, -10.6406

Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

27.1260, -4.4991, -3.6185

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.1330, -11.8976, -10.6406 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(15, 38, 3)` looks like.

```
.text, #text, p{  
    color:rgb(15, 38, 3)  
}
```

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(15, 38, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 38, 3) }
```

Border

The CSS property to change the border of an element to YUV 27.1330, -11.8976, -10.6406 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(15, 38, 3) }
```


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

```
.border{ border-color:rgb(15, 38, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 38, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 38, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(15, 38, 3); box-shadow:4px  
4px 4px 4px rgb(15, 38, 3) }
```

Background

The CSS property to change the background color of an element to YUV 27.1330, -11.8976, -10.6406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 38, 3) }
```

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

```
.background{ background-color: rgb(15, 38,  
3) }
```

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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