

Converting Colors

YUV(27.9030, -6.3612, -13.0699)

Have a look what the booklet for
YUV(27.9030, -6.3612, -13.0699)
contains.

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Color

**YUV(27.9030, -6.3612,
-13.0699)**

Conversions

Conversions Part 1

Format	Color
Hex	0D260F
RGB	13, 38, 15
RGB Percent	5%, 15%, 6%
CMY	0.9490, 0.8510, 0.9412
CMYK	0.66, 0.00, 0.61, 0.85
HSL	125°, 49%, 10%
HSV	125°, 66%, 15%
XYZ	0.9453, 1.5063, 0.6929
YIQ	27.9030, -7.5170, -12.4530

Conversions

Conversions Part 2

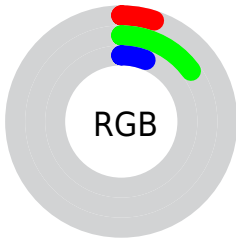
Format	Color
RYB	13, 36, 38
Decimal	861711
CIELab	12.65, -15.96, 11.90
CIELCh	13, 19.903, 143.292
Yxy	1.5063, 0.3006, 0.4790
Android (android.graphics.Color)	4279051791 (0xFF0D260F)
YUV	27.9030, -6.3612, -13.0699
Hunter-Lab	12.2731, -7.7291, 5.2440

Details

The YUV color **27.9030, -6.3612, -13.0699** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **23.0970, 6.3612, 13.0699**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.3760, -7.0874, -13.4848**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **26.3650, -7.0819, -15.2291**, and if you desaturate by 10%, it is **29.4410, -5.6404, -10.9108**.

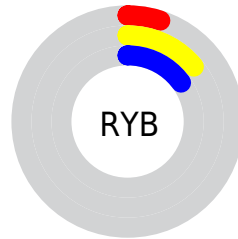
Distribution



Red (5%)

Green (15%)

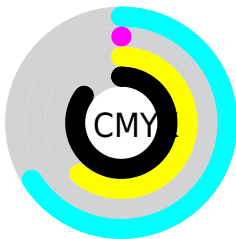
Blue (6%)



Red (5%)

Yellow (14%)

Blue (15%)

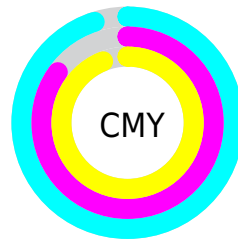


Cyan (66%)

Magenta (0%)

Yellow (61%)

Black (85%)



Cyan (95%)

Magenta (85%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.9030, -6.3612, -13.0699 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 27.9030, -6.3612, -13.0699 by changing the saturation by 10% instead.

■ 27.9030, -6.3612,
-13.0699

■ 27.9030, -6.3612,
-13.0699

■ 248.3920, -4.6303,
-8.2368

■ 9.9790, -4.9196,
-8.7516

■ 72.3760, -7.0874,
-13.4848

■ 0.0000, 0.0000,
0.0000

■ 96.5500, -7.6661,
-14.5143

■ 121.4360, -8.1029,
-14.4144

■ 147.0230, -8.3923,
-14.9292

■ 173.6100, -8.6817,
-15.4440

■ 201.1970, -8.9711,

-15.9588

■ 229.1970, -8.9711,
-15.9588

■ 27.9030, -6.3612,
-13.0699

■ 27.9030, -6.3612,
-13.0699

■ 26.3650, -7.0819,
-15.2291

■ 29.4410, -5.6404,
-10.9108

■ 24.7130, -8.2395,
-17.2883

■ 31.0930, -4.4828,
-8.8516

■ 23.4740, -9.1077,
-18.8327

■ 32.3320, -3.6147,
-7.3072

■ 22.6480, -9.6865,
-19.8623

■ 33.9840, -2.4571,
-5.2480

■ 35.5220, -1.7363,
-3.0888

■ 37.1740, -0.5788,
-1.0296

■ 38.7120, 0.1420,
1.1296

■ 40.0650, 1.4470,
2.5740

■ 41.6030, 2.1677,
4.7332

Harmonies

Analogous

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



29.9280, -14.2615, 0.9401



27.9030, -6.3612, -13.0699



26.1990, 1.3809, -22.9765

Triad

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



27.9030, -6.3612, -13.0699



27.3850, 16.0792, -24.0166



32.2910, -4.5805, 22.5468

Complementary

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



27.9030, -6.3612, -13.0699



23.0970, 6.3612, 13.0699

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.



33.2890, 1.8295, 19.9175



27.9030, -6.3612, -13.0699



32.5940, 12.5252, -4.0289

Square

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



27.9030, -6.3612, -13.0699



28.5760, 13.0270, -25.0612



34.3140, 7.2402, 11.1256



32.0210, -11.8424, 18.3986

Rectangle

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



27.9030, -6.3612, -13.0699



27.9260, 5.4595, -24.4911



34.3140, 7.2402, 11.1256



32.7470, -2.8333, 22.1469

Sweetspot

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



27.9030, -6.3612, -13.0699



44.3970, -2.1677, -4.7332



34.5520, -10.6251, 1.2699



23.2230, -1.5889, -3.7036



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.



27.9030, -6.3612, -13.0699



32.6480, -9.6865, -19.8623



29.2710, -1.1196, -14.2697



17.1740, -0.5788, -1.0296



48.9320, -20.6725, -42.9134



124.6210, -53.0572, -109.2926

Inverse Universe

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



23.0970, 6.3612, 13.0699



25.3520, 9.6865, 19.8623



21.7290, 1.1196, 14.2697



16.8260, 0.5788, 1.0296



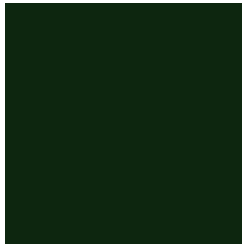
33.0680, 20.6725, 42.9134



84.3790, 53.0572, 109.2926

Previews

White Background



This preview shows how the YUV color 27.9030, -6.3612, -13.0699 looks on a white background.

Color Contrast Check

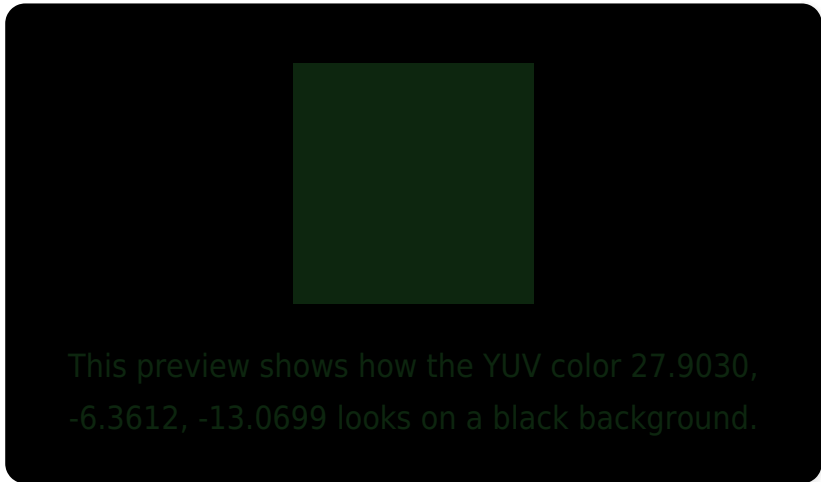
Large Text (above 18pt) WCAG AA ✓ Pass

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

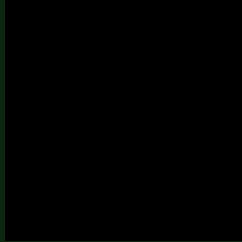
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.9030, -6.3612, -13.0699

Background



This preview shows how black text looks on a background with the YUV color 27.9030, -6.3612, -13.0699.



This preview shows how white text looks on a background with the YUV color 27.9030, -6.3612, -13.0699.

-13.0699.

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

27.9030, -6.3612, -13.0699

Protanopia

32.0300, -8.8888, 4.3587

Deuteranopia

32.3940, -7.5892, 7.5475



Tritanopia

31.2590, 3.8163, -10.7511

Trichromacy



Original Color

27.9030, -6.3612, -13.0699

Protanomaly

30.5130, -8.1409, -2.2039

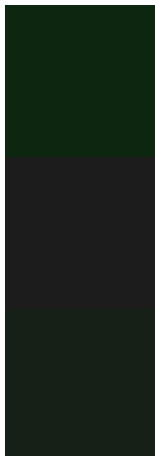
Deuteranomaly

31.0510, -7.4201, -0.0447

Tritanomaly

30.2220, -0.1094, -11.5957

Monochromacy



Original Color

27.9030, -6.3612, -13.0699

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

28.2830, -2.6045, -4.6332

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.9030, -6.3612, -13.0699 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(13, 38, 15)` looks like.

```
.text, #text, p{  
    color:rgb(13, 38, 15)  
}
```

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(13, 38, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 38, 15) }
```

Border

The CSS property to change the border of an element to YUV 27.9030, -6.3612, -13.0699 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(13, 38, 15) }
```


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

```
.border{ border-color:rgb(13, 38, 15) }
```

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

Here you see how a box with a 4 pixel rgb(13, 38, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 38, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 38, 15);  
box-shadow:4px 4px 4px 4px rgb(13, 38, 15)  
}
```

Background

The CSS property to change the background color of an element to YUV 27.9030, -6.3612, -13.0699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 38, 15) }
```

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

```
.background{ background-color: rgb(13, 38,  
15) }
```

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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