

Converting Colors

YUV(14.0270, 35.9757,
-12.3017)

Have a look what the booklet for
YUV(14.0270, 35.9757, -12.3017)
contains.

YUV(14.0270, 35.9757, -12.3017)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(14.0270, 35.9757,
-12.3017)**

Conversions

Conversions Part 1

Format	Color
Hex	000757
RGB	0, 7, 87
RGB Percent	0%, 3%, 34%
CMY	1.0000, 0.9725, 0.6588
CMYK	1.00, 0.92, 0.00, 0.66
HSL	235°, 100%, 17%
HSV	235°, 100%, 34%
XYZ	1.7963, 0.8401, 9.0843
YIQ	14.0270, -29.8520, 23.3960

Conversions

Conversions Part 2

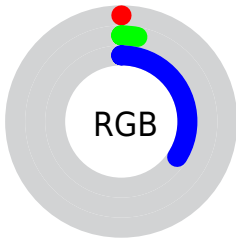
Format	Color
RYB	0, 6, 87
Decimal	1879
CIELab	7.59, 31.51, -46.72
CIELCh	8, 56.355, 303.995
Yxy	0.8401, 0.1533, 0.0717
Android (android.graphics.Color)	4278191959 (0xFF000757)
YUV	14.0270, 35.9757, -12.3017
Hunter-Lab	9.1656, 18.9429, -52.3484

Details

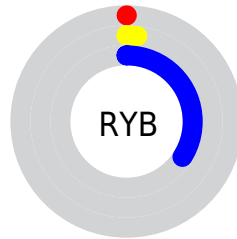
The YUV color **14.0270, 35.9757, -12.3017** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **72.9730, -35.9757, 12.3017**, and the grayscale version is **14.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **65.1150, 35.9323, 1.6531**, and **6.3210, 16.6037, -5.5435** is the 20% darker color. If you saturate the color by 10%, you get **14.0270, 35.9757, -12.3017**, and if you desaturate by 10%, it is **21.4140, 32.3339, -10.8871**.

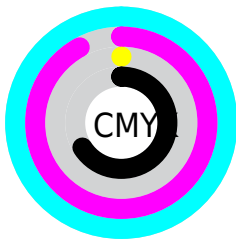
Distribution



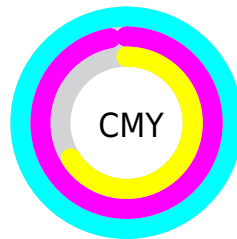
- Red (0%)
- Green (3%)
- Blue (34%)



- Red (0%)
- Yellow (2%)
- Blue (34%)



- Cyan (100%)
- Magenta (92%)
- Yellow (0%)
- Black (66%)



- Cyan (100%)
- Magenta (97%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 14.0270, 35.9757, -12.3017 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 14.0270, 35.9757, -12.3017 by changing the saturation by 10% instead.

■ 14.0270, 35.9757,
-12.3017

■ 14.0270, 35.9757,
-12.3017

■ 240.9120, 6.9454,
12.3552

■ 7.1820, 27.5183,
-6.2986

■ 65.1150, 35.9323,
1.6531

■ 6.3210, 16.6037,
-5.5435

■ 89.7670, 37.0899,
3.7123

■ 2.6390, 7.5730,
-2.3144

■ 115.0060, 37.9580,
5.2567

■ 0.0000, 0.0000,
0.0000

■ 140.9460, 38.9736,
6.1864

■ 167.8860, 39.9892,
7.1160

■ 193.0900, 30.5216,

10.4451

■ 218.1970, 18.1439,
13.8592

■ 14.0270, 35.9757,
-12.3017

■ 21.4140, 32.3339,
-10.8871

■ 28.5020, 28.8395,
-10.0873

■ 35.8890, 25.1977,
-8.6727

■ 43.2760, 21.5559,
-7.2581

■ 50.6630, 17.9141,
-5.8435

■ 57.7510, 14.4198,
-5.0436

■ 65.1380, 10.7780,
-3.6290

■ 72.5250, 7.1362,
-2.2144

■ 79.6130, 3.6418,
-1.4146

Harmonies

Analogous

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



28.5370, 35.7243, -25.0269



14.0270, 35.9757, -12.3017



26.1180, 14.7318, 34.9765

Triad

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



14.0270, 35.9757, -12.3017



17.9070, -8.8282, 31.6536



23.0360, 1.9543, -20.2026

Complementary

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



14.0270, 35.9757, -12.3017



72.9730, -35.9757, 12.3017

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.



19.9580, -9.8393, -17.5032



14.0270, 35.9757, -12.3017



21.5630, -10.6306, 3.0142

Square

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



14.0270, 35.9757, -12.3017



22.1260, -10.9081, 45.4935



19.3710, -9.5499, -16.9884



28.5420, 17.9738, -25.0313

Rectangle

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



14.0270, 35.9757, -12.3017



26.9700, 2.4798, 44.7533



19.3710, -9.5499, -16.9884



21.3260, -4.5977, -18.7029

Sweetspot

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



14.0270, 35.9757, -12.3017



83.9360, 13.8356, -4.3289



60.1890, 9.7668, -52.7858



39.4540, 8.1572, -3.0292



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



14.0270, 35.9757, -12.3017



18.0510, 46.3169, -15.8307



20.6820, 32.6948, 13.4339



39.4560, 1.7472, -0.3999



17.4810, 44.1329, -15.3308



37.9430, 97.1491, -33.2760

Inverse Universe

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



26.8110, -9.7668, 52.7858



34.5140, -12.5784, 67.9552



66.3180, -32.6948, -13.4339



40.1960, -0.5896, 2.4591



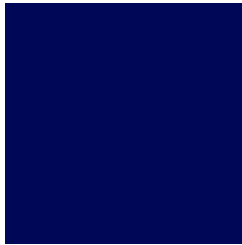
33.0190, -11.8414, 64.8813



72.4310, -26.3415, 142.5730

Previews

White Background



This preview shows how the YUV color 14.0270, 35.9757, -12.3017 looks on a white background.

Color Contrast Check

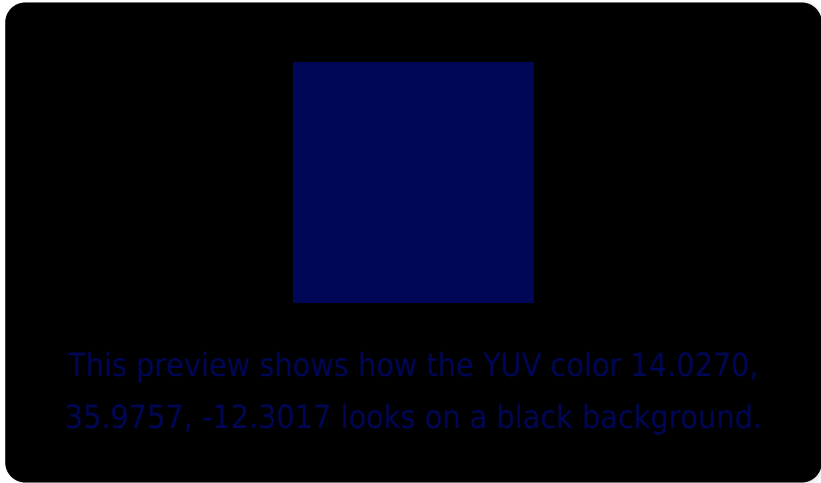
Large Text (above 18pt) WCAG AA ✓ Pass

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

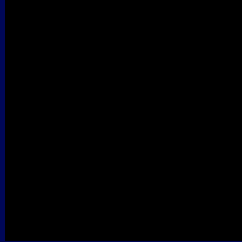
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 14.0270, 35.9757, -12.3017

Background



This preview shows how black text looks on a background with the YUV color 14.0270, 35.9757, -12.3017.



This preview shows how white text looks on a background with the YUV color 14.0270, 35.9757, -12.3017.

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



Protanopia

21.4180, 16.0629, -18.7836

Deuteranopia

21.6800, 11.9898, -19.0134

Tritanopia

21.1440, 4.8590, -18.5433

Trichromacy



Protanomaly

18.6770, 23.3302, -16.3797

Deuteranomaly

18.6940, 20.8569, -16.3946

Tritanomaly

18.7280, 15.9101, -16.4245

Monochromacy



Achromatopsia

14.0000, 0.0000, 0.0000

Achromatomaly

13.8220, 13.3988, -4.2289

CSS Examples

Text

The CSS property to change the color of the text to YUV 14.0270, 35.9757, -12.3017 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(0, 7, 87)` looks like.

```
.text, #text, p{  
    color:rgb(0, 7, 87)  
}
```

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(0, 7, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 7, 87) }
```

Border

The CSS property to change the border of an element to YUV 14.0270, 35.9757, -12.3017 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(0, 7, 87) }
```

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

```
.border{ border-color:rgb(0, 7, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 7, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 7, 87); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 7, 87); box-shadow:4px  
4px 4px 4px rgb(0, 7, 87) }
```


Background

The CSS property to change the background color of an element to YUV 14.0270, 35.9757, -12.3017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 7, 87) }
```

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

```
.background{ background-color: rgb(0, 7,  
87) }
```

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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