

Converting Colors

YUV(12.0420, 2.9373, -8.8068)

Have a look what the booklet for
YUV(12.0420, 2.9373, -8.8068)
contains.

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Color

**YUV(12.0420, 2.9373,
-8.8068)**

Conversions

Conversions Part 1

Format	Color
Hex	021012
RGB	2, 16, 18
RGB Percent	1%, 6%, 7%
CMY	0.9922, 0.9373, 0.9294
CMYK	0.89, 0.11, 0.00, 0.93
HSL	188°, 80%, 4%
HSV	188°, 89%, 7%
XYZ	0.3195, 0.4272, 0.6379
YIQ	12.0420, -8.9860, -2.3460

Conversions

Conversions Part 2

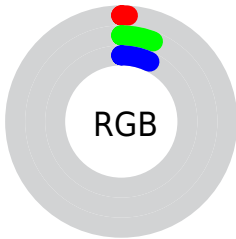
Format	Color
RYB	2, 9, 18
Decimal	135186
CIELab	3.86, -3.54, -2.47
CIELCh	4, 4.320, 214.894
Yxy	0.4272, 0.2308, 0.3085
Android (android.graphics.Color)	4278325266 (0xFF021012)
YUV	12.0420, 2.9373, -8.8068
Hunter-Lab	6.5358, -2.7114, -1.2116

Details

The YUV color **12.0420, 2.9373, -8.8068** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **7.9580, -2.9373, 8.8068**, and the grayscale version is **12.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **56.1240, 1.9109, -6.2477**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **11.4440, 3.2321, -10.0364**, and if you desaturate by 10%, it is **12.6400, 2.6425, -7.5773**.

Distribution



Red (1%)

Green (6%)

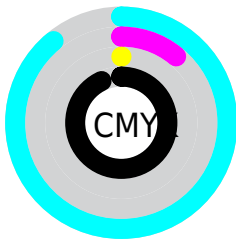
Blue (7%)



Red (1%)

Yellow (4%)

Blue (7%)

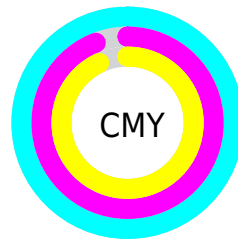


Cyan (89%)

Magenta (11%)

Yellow (0%)

Black (93%)



Cyan (99%)

Magenta (94%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 12.0420, 2.9373, -8.8068 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 12.0420, 2.9373, -8.8068 by changing the saturation by 10% instead.

■ 12.0420, 2.9373,
-8.8068

■ 12.0420, 2.9373,
-8.8068

■ 236.6400, 2.6425,
-7.5773

■ 0.0000, 0.0000,
0.0000

■ 56.1240, 1.9109,
-6.2477

■ 78.2380, 2.3477,
-6.3477

■ 102.9390, 2.4951,
-6.9625

■ 127.9390, 2.4951,
-6.9625

■ 153.9390, 2.4951,
-6.9625

■ 180.6400, 2.6425,

-7.5773

■ 208.0530, 2.9319,
-7.0625

■ 12.0420, 2.9373,
-8.8068

■ 12.0420, 2.9373,
-8.8068

■ 11.4440, 3.2321,
-10.0364

■ 12.6400, 2.6425,
-7.5773

■ 13.2380, 2.3477,
-6.3477

■ 14.1240, 1.9109,
-6.2477

■ 14.7220, 1.6161,
-5.0182

■ 15.3200, 1.3212,
-3.7886

■ 15.9180, 1.0264,
-2.5591

■ 17.1030, 0.4422,
-1.8443

■ 17.4020, 0.2948,
-1.2296

■ 18.0000, 0.0000,
0.0000

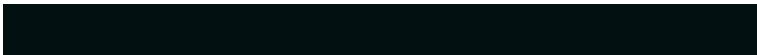
Harmonies

Analogous

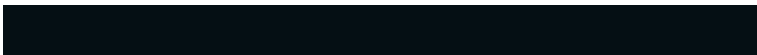
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



11.5860, 1.1901, -8.4069



12.0420, 2.9373, -8.8068



12.5800, 3.6581, -6.6477

Triad

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



12.0420, 2.9373, -8.8068



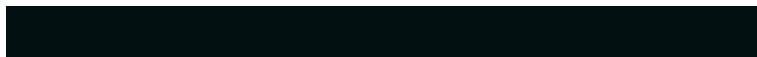
14.0760, 1.4415, 4.3183



13.7570, -4.8102, 2.8441

Complementary

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



12.0420, 2.9373, -8.8068



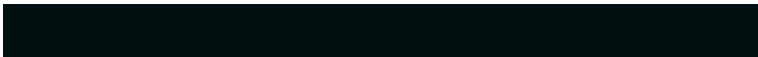
7.9580, -2.9373, 8.8068

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.



13.5940, -4.2368, 5.6181



12.0420, 2.9373, -8.8068



14.5170, -0.7479, 6.5626

Square

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



12.0420, 2.9373, -8.8068



14.1080, 2.9048, 1.6593



13.9470, -2.9319, 7.0625



12.9630, -3.9258, -0.8446

Rectangle

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



12.0420, 2.9373, -8.8068



13.0040, 3.9420, -4.3885



13.9470, -2.9319, 7.0625



13.4690, -4.6682, 3.9737

Sweetspot

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



12.0420, 2.9373, -8.8068



20.6190, 1.1738, -3.1739



11.6200, -3.7567, -8.4367



11.2170, 0.8790, -1.9443



140.0000, 0.0000, 0.0000



13.0000, 0.0000, 0.0000

Same Dimension

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



12.0420, 2.9373, -8.8068



14.3620, 4.2585, -12.5955



7.3460, 5.2524, -4.6884



9.7010, 0.1474, -0.6148



46.5910, 13.5126, -40.8603



126.2260, 36.8636, -110.7002

Inverse Universe

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



8.3800, 3.7567, 8.4367



9.1570, 5.3456, 12.1403



12.6540, -5.2524, 4.6884



9.4130, 0.2894, 0.5148



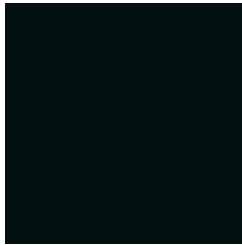
29.5360, 17.4838, 38.9949



80.1630, 47.2476, 105.9740

Previews

White Background



This preview shows how the YUV color 12.0420, 2.9373, -8.8068 looks on a white background.

Color Contrast Check

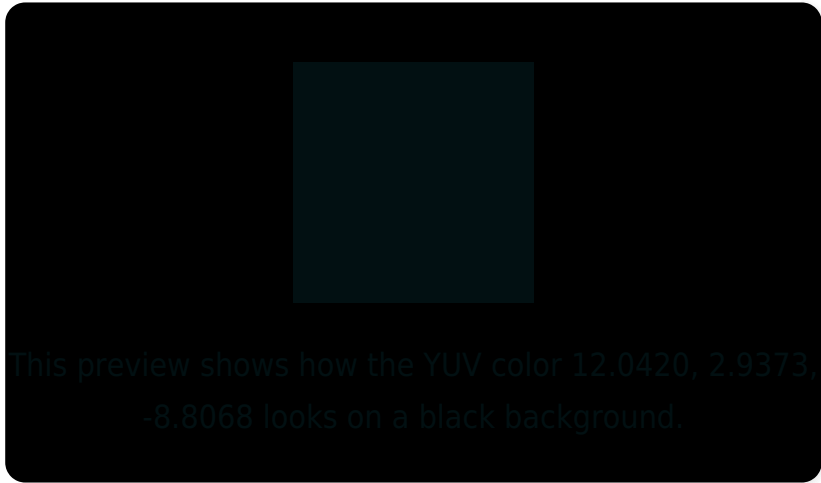
Large Text (above 18pt) WCAG AA ✓ Pass

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

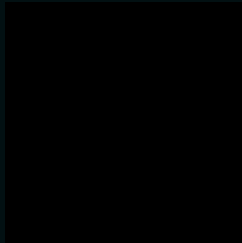
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 12.0420, 2.9373, -8.8068

Background



This preview shows how black text looks on a background with the YUV color 12.0420, 2.9373, -8.8068.



This preview shows how white text looks on a background with the YUV color 12.0420, 2.9373, -8.8068.

-8.8068.

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

12.0420, 2.9373, -8.8068

Protanopia

14.3420, 1.3104, -0.2999

Deuteranopia

14.4560, 1.7472, -0.3999



Tritanopia

11.3300, 2.7953, -9.9364

Trichromacy



Original Color

12.0420, 2.9373, -8.8068

Protanomaly

13.7330, 1.6106, -3.2738

Deuteranomaly

13.8470, 2.0474, -3.3738

Tritanomaly

11.6290, 2.6479, -9.3216

Monochromacy



Original Color

12.0420, 2.9373, -8.8068

Achromatopsia

12.0000, 0.0000, 0.0000

Achromatomaly

11.6190, 1.1738, -3.1739

CSS Examples

Text

The CSS property to change the color of the text to YUV 12.0420, 2.9373, -8.8068 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(2, 16, 18)` looks like.

```
.text, #text, p{  
    color:rgb(2, 16, 18)  
}
```

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(2, 16, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 16, 18) }
```

Border

The CSS property to change the border of an element to YUV 12.0420, 2.9373, -8.8068 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(2, 16, 18) }
```


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

```
.border{ border-color:rgb(2, 16, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 16, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 16, 18); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 16, 18); box-shadow:4px  
4px 4px 4px rgb(2, 16, 18) }
```

Background

The CSS property to change the background color of an element to YUV 12.0420, 2.9373, -8.8068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 16, 18) }
```

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

```
.background{ background-color: rgb(2, 16,  
18) }
```

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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