

Converting Colors

YUV(11.8420, -0.4151, -6.8774)

Have a look what the booklet for
YUV(11.8420, -0.4151, -6.8774)
contains.

YUV(11.8420, -0.4151, -6.8774)	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>	31

Color

**YUV(11.8420, -0.4151,
-6.8774)**

Conversions

Conversions Part 1

Format	Color
Hex	04100B
RGB	4, 16, 11
RGB Percent	2%, 6%, 4%
CMY	0.9843, 0.9373, 0.9569
CMYK	0.75, 0.00, 0.31, 0.94
HSL	155°, 60%, 4%
HSV	155°, 75%, 6%
XYZ	0.2958, 0.4206, 0.3822
YIQ	11.8420, -5.5470, -4.0990

Conversions

Conversions Part 2

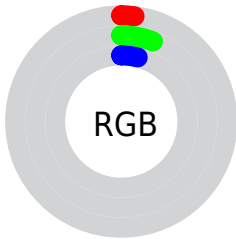
Format	Color
RYB	4, 12, 16
Decimal	266251
CIELab	3.80, -4.26, 1.08
CIElCh	4, 4.394, 165.731
Yxy	0.4206, 0.2692, 0.3828
Android (android.graphics.Color)	4278456331 (0xFF04100B)
YUV	11.8420, -0.4151, -6.8774
Hunter-Lab	6.4850, -3.2079, 1.0453

Details

The YUV color **11.8420, -0.4151, -6.8774** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **8.1580, 0.4151, 6.8774**, and the grayscale version is **12.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **55.2660, -0.1311, -4.6183**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **11.1300, -0.5571, -8.0070**, and if you desaturate by 10%, it is **12.5540, -0.2731, -5.7479**.

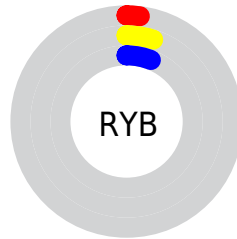
Distribution



Red (2%)

Green (6%)

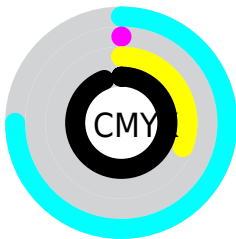
Blue (4%)



Red (2%)

Yellow (5%)

Blue (6%)

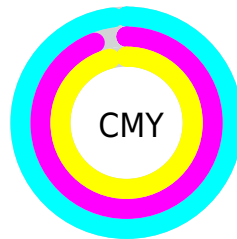


Cyan (75%)

Magenta (0%)

Yellow (31%)

Black (94%)



Cyan (98%)

Magenta (94%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 11.8420, -0.4151, -6.8774 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 11.8420, -0.4151, -6.8774 by changing the saturation by 10% instead.

■ 11.8420, -0.4151,
-6.8774

■ 11.8420, -0.4151,
-6.8774

■ 236.1410, -0.5625,
-6.2627

■ 0.0000, 0.0000,
0.0000

■ 55.2660, -0.1311,
-4.6183

■ 78.2660, -0.1311,
-4.6183

■ 102.8530, -0.4205,
-5.1331

■ 127.8530, -0.4205,
-5.1331

■ 153.4400, -0.7099,
-5.6479

■ 180.4400, -0.7099,

-5.6479

■ 207.5540, -0.2731,
-5.7479

■ 11.8420, -0.4151,
-6.8774

■ 11.8420, -0.4151,
-6.8774

■ 11.1300, -0.5571,
-8.0070

■ 12.5540, -0.2731,
-5.7479

■ 10.8310, -0.4097,
-8.6218

■ 12.8530, -0.4205,
-5.1331

■ 10.4180, -0.6991,
-9.1366

■ 13.5650, -0.2785,
-4.0035

■ 13.9780, 0.0108,
-3.4887

■ 14.5760, -0.2840,
-2.2592

■ 15.2880, -0.1420,
-1.1296

■ 15.7010, 0.1474,
-0.6148

■ 16.2990, -0.1474,
0.6148

■ 16.7120, 0.1420,
1.1296

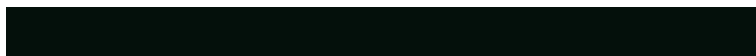
Harmonies

Analogous

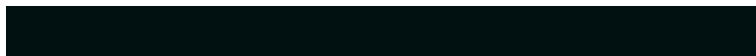
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



12.1800, -3.0467, -2.7889



11.8420, -0.4151, -6.8774



11.5150, 2.2111, -9.2217

Triad

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



11.8420, -0.4151, -6.8774



13.6130, 3.6418, -1.4146



13.4200, -3.6581, 6.6477

Complementary

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



11.8420, -0.4151, -6.8774



8.1580, 0.4151, 6.8774

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.



13.7020, -1.3321, 7.2773



11.8420, -0.4151, -6.8774



14.2930, 2.3206, 2.3740

Square

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



11.8420, -0.4151, -6.8774



12.9930, 3.9475, -6.1329



14.2610, 0.8573, 5.0331



13.1810, -4.5262, 5.1033

Rectangle

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



11.8420, -0.4151, -6.8774



12.0420, 2.9373, -8.8068



14.2610, 0.8573, 5.0331



13.9470, -2.9319, 7.0625

Sweetspot

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



11.8420, -0.4151, -6.8774



18.5760, -0.2840, -2.2592



12.5390, -4.2097, -3.1037



8.9890, 0.0054, -1.7444



138.0000, 0.0000, 0.0000



10.0000, 0.0000, 0.0000

Same Dimension

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



11.8420, -0.4151, -6.8774



13.8200, -0.4043, -10.3661



11.8250, 2.0583, -6.8625



7.5870, -0.2894, -0.5148



46.4650, -2.2012, -40.7498



130.0370, -6.9202, -114.0424

Inverse Universe

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



8.1580, 0.4151, 6.8774



8.2940, 0.8411, 10.2662



8.1750, -2.0583, 6.8625



7.2990, -0.1474, 0.6148



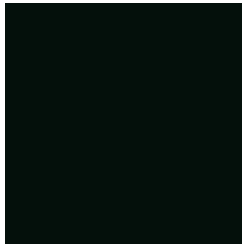
24.6490, 2.6380, 40.6498



68.9630, 6.9202, 114.0424

Previews

White Background



This preview shows how the YUV color 11.8420, -0.4151, -6.8774 looks on a white background.

Color Contrast Check

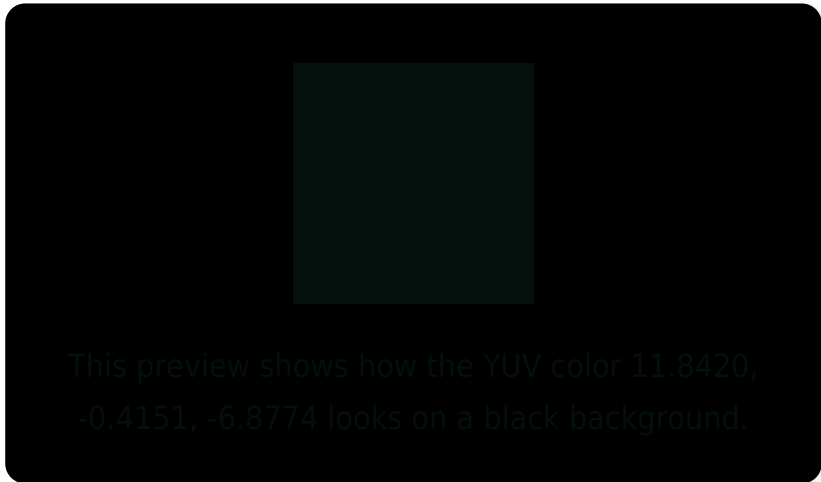
Large Text (above 18pt) WCAG AA ✓ Pass

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

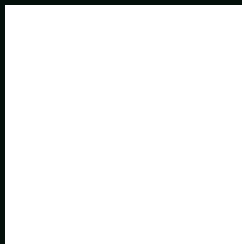
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 11.8420, -0.4151, -6.8774

Background



This preview shows how black text looks on a background with the YUV color 11.8420, -0.4151, -6.8774.



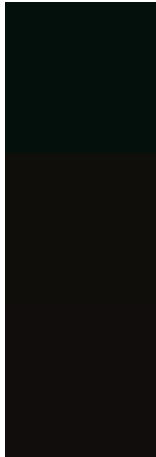
This preview shows how white text looks on a background with the YUV color 11.8420, -0.4151,

-6.8774.

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

11.8420, -0.4151, -6.8774

Protanopia

13.8430, -1.8946, 1.0147

Deuteranopia

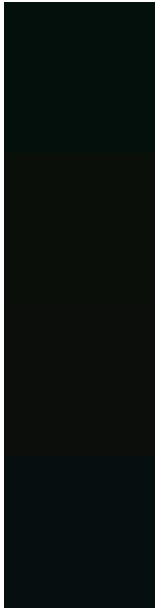
13.7830, -0.8790, 1.9443



Tritanopia

12.8360, 2.0529, -5.1182

Trichromacy



Original Color

11.8420, -0.4151, -6.8774

Protanomaly

13.2340, -1.5944, -1.9592

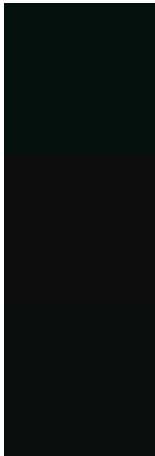
Deuteranomaly

13.1740, -0.5788, -1.0296

Tritanomaly

12.3090, 1.3267, -5.5330

Monochromacy



Original Color

11.8420, -0.4151, -6.8774

Achromatopsia

12.0000, 0.0000, 0.0000

Achromatomaly

11.6900, 0.1528, -2.3591

CSS Examples

Text

The CSS property to change the color of the text to YUV 11.8420, -0.4151, -6.8774 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(4, 16, 11)` looks like.

```
.text, #text, p{  
    color:rgb(4, 16, 11)  
}
```

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(4, 16, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 16, 11) }
```

Border

The CSS property to change the border of an element to YUV 11.8420, -0.4151, -6.8774 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(4, 16, 11) }
```


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

```
.border{ border-color:rgb(4, 16, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 16, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 16, 11); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 16, 11); box-shadow:4px  
4px 4px 4px rgb(4, 16, 11) }
```

Background

The CSS property to change the background color of an element to YUV 11.8420, -0.4151, -6.8774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 16, 11) }
```

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

```
.background{ background-color: rgb(4, 16,  
11) }
```

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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