

Converting Colors

YUV(11.8610, -5.8475, 8.8919)

Have a look what the booklet for
YUV(11.8610, -5.8475, 8.8919)
contains.

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Color

**YUV(11.8610, -5.8475,
8.8919)**

Conversions

Conversions Part 1

Format	Color
Hex	160900
RGB	22, 9, 0
RGB Percent	9%, 4%, 0%
CMY	0.9137, 0.9647, 1.0000
CMYK	0.00, 0.59, 1.00, 0.91
HSL	25°, 100%, 4%
HSV	25°, 100%, 9%
XYZ	0.4286, 0.3659, 0.0480
YIQ	11.8610, 10.6370, -0.0430

Conversions

Conversions Part 2

Format	Color
RYB	22, 15, 0
Decimal	1444096
CIELab	3.31, 3.31, 5.01
CIELCh	3, 6.005, 56.579
Yxy	0.3659, 0.5086, 0.4343
Android (android.graphics.Color)	4279634176 (0xFF160900)
YUV	11.8610, -5.8475, 8.8919
Hunter-Lab	6.0494, 2.0594, 3.7636

Details

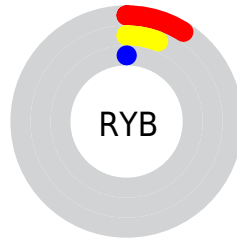
The YUV color **11.8610, -5.8475, 8.8919** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **10.1390, 5.8475, -8.8919**, and the grayscale version is **12.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **56.0070, -3.9475, 6.1329**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **11.8610, -5.8475, 8.8919**, and if you desaturate by 10%, it is **12.6760, -5.2633, 8.1771**.

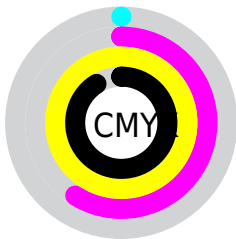
Distribution



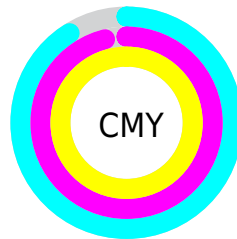
- Red (9%)
- Green (4%)
- Blue (0%)



- Red (9%)
- Yellow (6%)
- Blue (0%)



- Cyan (0%)
- Magenta (59%)
- Yellow (100%)
- Black (91%)



- Cyan (91%)
- Magenta (96%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 11.8610, -5.8475, 8.8919 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 11.8610, -5.8475, 8.8919 by changing the saturation by 10% instead.

■ 11.8610, -5.8475,
8.8919

■ 11.8610, -5.8475,
8.8919

■ 236.3880, -5.1213,
9.3067

■ 0.0000, 0.0000,
0.0000

■ 56.0070, -3.9475,
6.1329

■ 78.7190, -3.8055,
7.2624

■ 102.6050, -4.2423,
7.3624

■ 127.9040, -4.3897,
7.9772

■ 153.7900, -4.8265,
8.0772

■ 180.7900, -4.8265,

8.0772

■ 208.0890, -4.9739,
8.6919

■ 11.8610, -5.8475,
8.8919

■ 12.6760, -5.2633,
8.1771

■ 14.0780, -4.9685,
6.9476

■ 15.0070, -3.9475,
6.1329

■ 15.8220, -3.3632,
5.4181

■ 17.2240, -3.0684,
4.1886

■ 18.0390, -2.4842,
3.4738

■ 18.8540, -1.9000,
2.7590

■ 19.7830, -0.8790,
1.9443

■ 21.1850, -0.5842,
0.7148

Harmonies

Analogous

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



12.2570, -3.0847, 9.4216



11.8610, -5.8475, 8.8919



11.8390, -5.8366, 5.4032

Triad

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



11.8610, -5.8475, 8.8919



10.6460, 0.1745, -9.3365



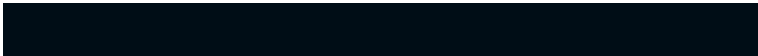
12.1510, 4.3626, 0.7446

Complementary

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



11.8610, -5.8475, 8.8919



10.1390, 5.8475, -8.8919

Split Complementary

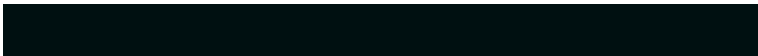
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



11.3350, 5.2578, -6.4328



11.8610, -5.8475, 8.8919



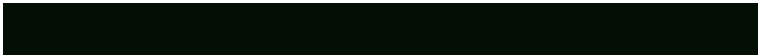
11.3300, 2.7953, -9.9364

Square

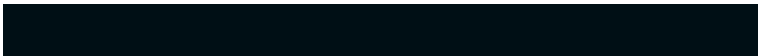
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



11.8610, -5.8475, 8.8919



10.1580, -3.0359, -6.2776



11.1990, 4.8319, -9.8215



12.4290, 2.7465, 5.7628

Rectangle

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



11.8610, -5.8475, 8.8919



11.8170, -5.8258, 1.9145



11.1990, 4.8319, -9.8215



11.9550, 4.9522, -1.7145

Sweetspot

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



11.8610, -5.8475, 8.8919



24.1530, -2.0474, 3.3738



8.0600, 2.4354, 12.2254



12.6690, -1.3158, 2.0443



143.0000, 0.0000, 0.0000



15.0000, 0.0000, 0.0000

Same Dimension

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



11.8610, -5.8475, 8.8919



14.8290, -7.3107, 11.5510



18.3180, -9.0308, 3.2291



9.8860, -0.4368, 0.1000



39.7360, -19.5898, 30.0495



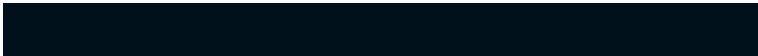
108.2330, -53.3589, 81.3567

Inverse Universe

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



10.1390, 5.8475, -8.8919



13.1710, 7.3107, -11.5510



3.6820, 9.0308, -3.2291



9.7010, 0.1474, -0.6148



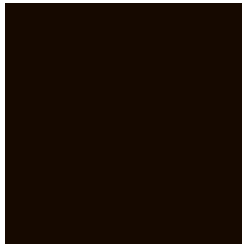
34.2640, 19.5898, -30.0495



92.7670, 53.3589, -81.3567

Previews

White Background



This preview shows how the YUV color 11.8610, -5.8475, 8.8919 looks on a white background.

Color Contrast Check

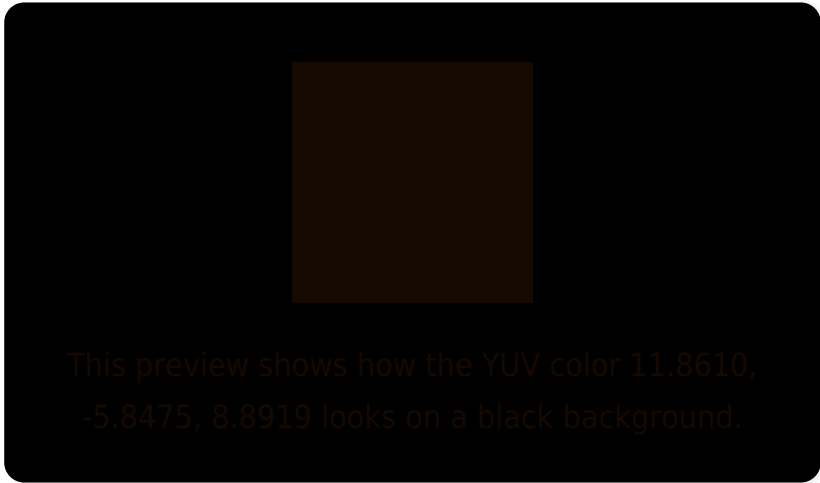
Large Text (above 18pt) WCAG AA ✓ Pass

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

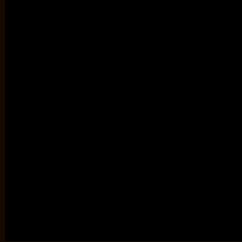
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 11.8610, -5.8475, 8.8919

Background



This preview shows how black text looks on a background with the YUV color 11.8610, -5.8475, 8.8919.

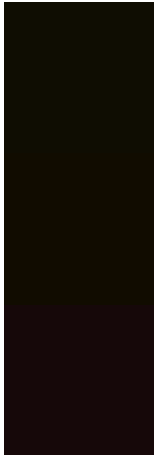


This preview shows how white text looks on a background with the YUV color 11.8610, -5.8475,

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

12.3440, -5.0996, 2.3293

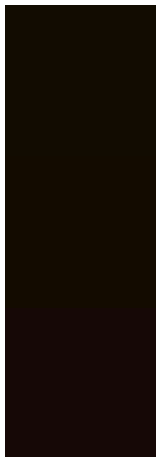
Deuteranopia

12.1270, -5.9786, 4.2736

Tritanopia

12.3000, -1.6269, 8.5069

Trichromacy



Protanomaly

12.5400, -5.6892, 4.7884

Deuteranomaly

12.1380, -5.9840, 6.0180

Tritanomaly

11.9580, -2.9373, 8.8068

Monochromacy



Achromatopsia

12.0000, 0.0000, 0.0000

Achromatomaly

12.1530, -2.0474, 3.3738

CSS Examples

Text

The CSS property to change the color of the text to YUV 11.8610, -5.8475, 8.8919 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(22, 9, 0)` looks like.

```
.text, #text, p{  
    color:rgb(22, 9, 0)  
}
```

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(22, 9, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 9, 0) }
```

Border

The CSS property to change the border of an element to YUV 11.8610, -5.8475, 8.8919 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(22, 9, 0) }
```

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

```
.border{ border-color:rgb(22, 9, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 9, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 9, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(22, 9, 0); box-shadow:4px  
4px 4px 4px rgb(22, 9, 0) }
```


Background

The CSS property to change the background color of an element to YUV 11.8610, -5.8475, 8.8919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 9, 0) }
```

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

```
.background{ background-color: rgb(22, 9,  
0) }
```

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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