

Converting Colors

YUV(12.8660, -3.3849, 12.3955)

Have a look what the booklet for
YUV(12.8660, -3.3849, 12.3955)
contains.

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Color

**YUV(12.8660, -3.3849,
12.3955)**

Conversions

Conversions Part 1

Format	Color
Hex	1B0706
RGB	27, 7, 6
RGB Percent	11%, 3%, 2%
CMY	0.8941, 0.9725, 0.9765
CMYK	0.00, 0.74, 0.78, 0.89
HSL	3°, 64%, 6%
HSV	3°, 78%, 11%
XYZ	0.5608, 0.3981, 0.2196
YIQ	12.8660, 12.2410, 3.9290

Conversions

Conversions Part 2

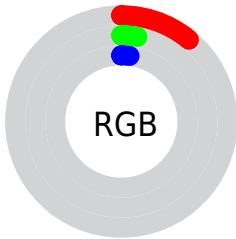
Format	Color
RYB	27, 7, 6
Decimal	1771270
CIELab	3.60, 7.47, 3.06
CIELCh	4, 8.076, 22.263
Yxy	0.3981, 0.4759, 0.3378
Android (android.graphics.Color)	4279961350 (0xFF1B0706)
YUV	12.8660, -3.3849, 12.3955
Hunter-Lab	6.3097, 4.8244, 2.3534

Details

The YUV color **12.8660, -3.3849, 12.3955** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **20.1340, 3.3849, -12.3955**, and the grayscale version is **13.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **57.0830, -2.5059, 10.4512**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **10.7630, -3.8272, 14.2398**, and if you desaturate by 10%, it is **14.9690, -2.9427, 10.5512**.

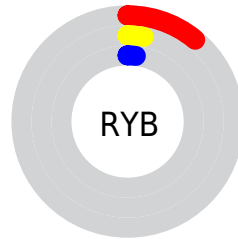
Distribution



Red (11%)

Green (3%)

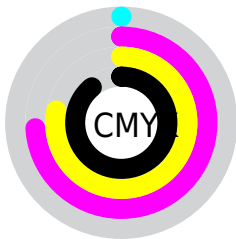
Blue (2%)



Red (11%)

Yellow (3%)

Blue (2%)

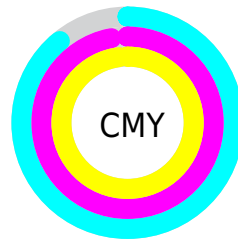


Cyan (0%)

Magenta (74%)

Yellow (78%)

Black (89%)



Cyan (89%)

Magenta (97%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 12.8660, -3.3849, 12.3955 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 12.8660, -3.3849, 12.3955 by changing the saturation by 10% instead.

■ 12.8660, -3.3849,
12.3955

■ 12.8660, -3.3849,
12.3955

■ 238.4640, -3.6798,
13.6251

■ 0.0000, 0.0000,
0.0000

■ 57.0830, -2.5059,
10.4512

■ 80.2680, -3.0901,
11.1660

■ 104.2680, -3.0901,
11.1660

■ 129.5670, -3.2375,
11.7807

■ 155.2790, -3.0955,
12.9103

■ 182.1650, -3.5323,

13.0103

■ 209.5780, -3.2430,
13.5251

■ 12.8660, -3.3849,
12.3955

■ 12.8660, -3.3849,
12.3955

■ 10.7630, -3.8272,
14.2398

■ 14.9690, -2.9427,
10.5512

■ 9.3610, -4.1220,
15.4694

■ 16.3710, -2.6479,
9.3216

■ 8.6600, -4.2694,
16.0842

■ 18.4740, -2.2057,
7.4773

■ 19.9900, -1.4741,
6.1478

■ 21.9790, -1.4686,
4.4034

■ 23.4950, -0.7370,
3.0739

■ 25.5980, -0.2948,
1.2296

■ 27.7010, 0.1474,
-0.6148

■ 29.1030, 0.4422,
-1.8443

Harmonies

Analogous

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



13.2940, 0.8411, 10.2662



12.8660, -3.3849, 12.3955



13.0570, -6.4371, 11.3510

Triad

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



12.8660, -3.3849, 12.3955



10.1040, -4.4883, -7.1072



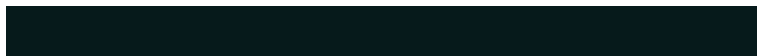
11.3670, 6.7211, -9.0919

Complementary

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



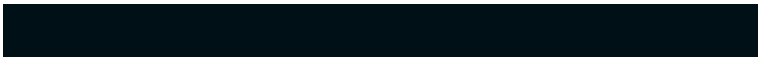
12.8660, -3.3849, 12.3955



20.1340, 3.3849, -12.3955

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.



12.0140, 5.4161, -10.5363



12.8660, -3.3849, 12.3955



11.7060, -0.8411, -10.2662

Square

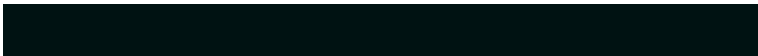
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



12.8660, -3.3849, 12.3955



11.8060, -5.8204, 0.1701



12.6180, 2.6533, -11.0660



12.8950, 5.9678, -0.7849

Rectangle

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



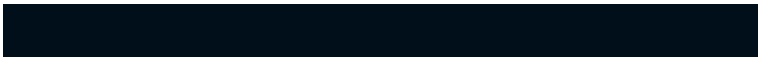
12.8660, -3.3849, 12.3955



13.0350, -6.4263, 7.8623



12.6180, 2.6533, -11.0660



11.6550, 6.5791, -10.2214

Sweetspot

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



12.8660, -3.3849, 12.3955



30.2780, -1.6161, 5.0182



14.5590, 5.6404, 10.9108



14.4950, -0.7370, 3.0739



145.0000, 0.0000, 0.0000



18.0000, 0.0000, 0.0000

Same Dimension

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



12.8660, -3.3849, 12.3955



13.3400, -5.5906, 19.8728



18.7360, -6.2788, 7.2475



12.1850, -0.5842, 0.7148



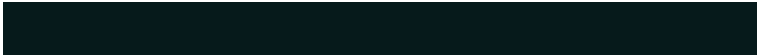
25.3710, -12.5079, 45.2786



66.8660, -32.9649, 120.2665

Inverse Universe

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



20.1340, 3.3849, -12.3955



24.6600, 5.5906, -19.8728



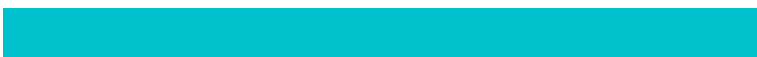
14.2640, 6.2788, -7.2475



12.4020, 0.2948, -1.2296



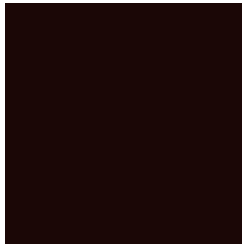
51.6290, 12.5079, -45.2786



137.1340, 32.9649, -120.2665

Previews

White Background



This preview shows how the YUV color 12.8660, -3.3849, 12.3955 looks on a white background.

Color Contrast Check

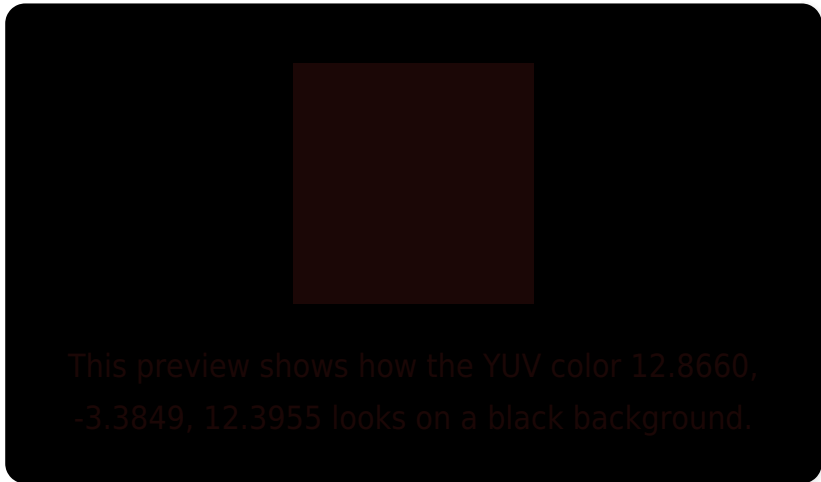
Large Text (above 18pt) WCAG AA ✓ Pass

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

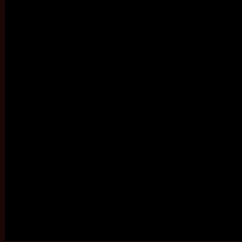
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 12.8660, -3.3849, 12.3955

Background



This preview shows how black text looks on a background with the YUV color 12.8660, -3.3849, 12.3955.



This preview shows how white text looks on a background with the YUV color 12.8660, -3.3849,

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

12.8660, -3.3849, 12.3955

Protanopia

14.5010, -3.2050, 1.3146

Deuteranopia

14.0560, -4.9576, 3.4589



Tritanopia

12.9800, -2.9481, 12.2955

Trichromacy



Original Color

12.8660, -3.3849, 12.3955

Protanomaly

13.8220, -3.3632, 5.4181

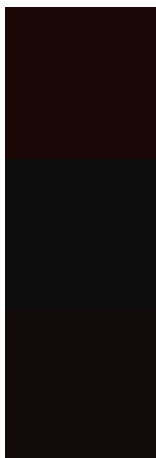
Deuteranomaly

13.3060, -4.0949, 6.7476

Tritanomaly

12.9800, -2.9481, 12.2955

Monochromacy



Original Color

12.8660, -3.3849, 12.3955

Achromatopsia

13.0000, 0.0000, 0.0000

Achromatomaly

12.9790, -1.4686, 4.4034

CSS Examples

Text

The CSS property to change the color of the text to YUV 12.8660, -3.3849, 12.3955 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(27, 7, 6)` looks like.

```
.text, #text, p{  
    color:rgb(27, 7, 6)  
}
```

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(27, 7, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 7, 6) }
```

Border

The CSS property to change the border of an element to YUV 12.8660, -3.3849, 12.3955 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(27, 7, 6) }
```


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

```
.border{ border-color:rgb(27, 7, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 7, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 7, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(27, 7, 6); box-shadow:4px  
4px 4px 4px rgb(27, 7, 6) }
```

Background

The CSS property to change the background color of an element to YUV 12.8660, -3.3849, 12.3955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 7, 6) }
```

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

```
.background{ background-color: rgb(27, 7,  
6) }
```

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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