

Converting Colors

YUV(26.8700, -2.8939, -5.1480)

Have a look what the booklet for
YUV(26.8700, -2.8939, -5.1480)
contains.

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Color

**YUV(26.8700, -2.8939,
-5.1480)**

Conversions

Conversions Part 1

Format	Color
Hex	151F15
RGB	21, 31, 21
RGB Percent	8%, 12%, 8%
CMY	0.9176, 0.8784, 0.9176
CMYK	0.32, 0.00, 0.32, 0.88
HSL	120°, 19%, 10%
HSV	120°, 32%, 12%
XYZ	0.9346, 1.1935, 0.8906
YIQ	26.8700, -2.7500, -5.2300

Conversions

Conversions Part 2

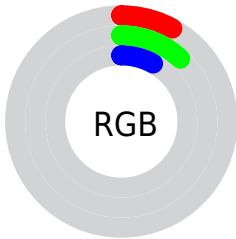
Format	Color
RYB	21, 31, 31
Decimal	1384213
CIELab	10.51, -7.15, 5.38
CIELCh	11, 8.947, 143.020
Yxy	1.1935, 0.3096, 0.3954
Android (android.graphics.Color)	4279574293 (0xFF151F15)
YUV	26.8700, -2.8939, -5.1480
Hunter-Lab	10.9250, -3.8484, 2.8142

Details

The YUV color **26.8700, -2.8939, -5.1480** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **25.1300, 2.8939, 5.1480**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **70.3430, -3.6201, -5.5628**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **25.6310, -3.7621, -6.6924**, and if you desaturate by 10%, it is **28.1090, -2.0257, -3.6036**.

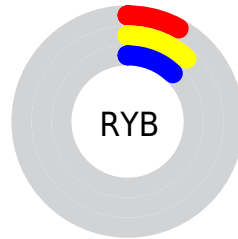
Distribution



Red (8%)

Green (12%)

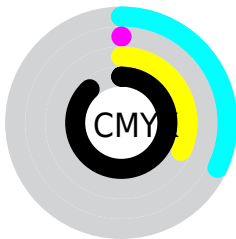
Blue (8%)



Red (8%)

Yellow (12%)

Blue (12%)

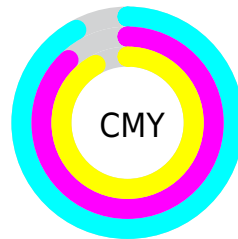


Cyan (32%)

Magenta (0%)

Yellow (32%)

Black (88%)



Cyan (92%)

Magenta (88%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 26.8700, -2.8939, -5.1480 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 26.8700, -2.8939, -5.1480 by changing the saturation by 10% instead.

■ 26.8700, -2.8939,
-5.1480

■ 26.8700, -2.8939,
-5.1480

■ 251.2830, -2.6045,
-4.6332

■ 1.7610, -0.8682,
-1.5444

■ 70.3430, -3.6201,
-5.5628

■ 0.0000, 0.0000,
0.0000

■ 94.0440, -3.4727,
-6.1776

■ 118.6310, -3.7621,
-6.6924

■ 143.9300, -3.9095,
-6.0776

■ 170.5170, -4.1989,
-6.5924

■ 197.6310, -3.7621,

-6.6924

■ 226.1040, -4.4883,
-7.1072

■ 26.8700, -2.8939,
-5.1480

■ 26.8700, -2.8939,
-5.1480

■ 25.6310, -3.7621,
-6.6924

■ 28.1090, -2.0257,
-3.6036

■ 24.3920, -4.6303,
-8.2368

■ 29.3480, -1.1576,
-2.0592

■ 23.1530, -5.4984,
-9.7812

■ 30.5870, -0.2894,
-0.5148

■ 21.9140, -6.3666,
-11.3256

■ 31.8260, 0.5788,
1.0296

■ 20.6750, -7.2348,
-12.8700

■ 33.4780, 1.7363,
3.0888

■ 19.0230, -8.3923,
-14.9292

■ 34.7170, 2.6045,
4.6332

■ 18.1970, -8.9711,
-15.9588

■ 35.9560, 3.4727,
6.1776

■ 37.1950, 4.3409,
7.7220

■ 38.4340, 5.2090,
9.2664

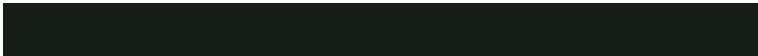
Harmonies

Analogous

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



27.9200, -5.3836, 0.0702



26.8700, -2.8939, -5.1480



26.0480, 0.4693, -10.5661

Triad

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



26.8700, -2.8939, -5.1480



27.2640, 6.2788, -7.2475



29.0830, -2.5059, 10.4512

Complementary

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



26.8700, -2.8939, -5.1480



25.1300, 2.8939, 5.1480

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.



29.1690, 0.4097, 8.6218



26.8700, -2.8939, -5.1480



28.4820, 5.6784, -1.2997

Square

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



26.8700, -2.8939, -5.1480



25.8180, 6.0057, -12.9954



29.2440, 3.3307, 5.0480



29.0890, -4.9739, 8.6919

Rectangle

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



26.8700, -2.8939, -5.1480



25.6070, 2.6587, -12.8103



29.2440, 3.3307, 5.0480



29.3110, -1.6323, 10.2513

Sweetspot

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



26.8700, -2.8939, -5.1480



39.3480, -1.1576, -2.0592



29.8600, -4.3680, 0.9998



19.1740, -0.5788, -1.0296



148.0000, 0.0000, 0.0000



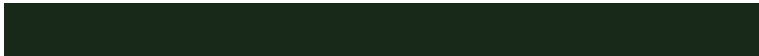
20.0000, 0.0000, 0.0000

Same Dimension

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



26.8700, -2.8939, -5.1480



34.3920, -4.6303, -8.2368



27.4400, -0.7099, -5.6479



14.5870, -0.2894, -0.5148



46.3730, -22.8619, -40.6691



121.5090, -59.9039, -106.5634

Inverse Universe

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



25.1300, 2.8939, 5.1480



31.6080, 4.6303, 8.2368



24.5600, 0.7099, 5.6479



14.4130, 0.2894, 0.5148



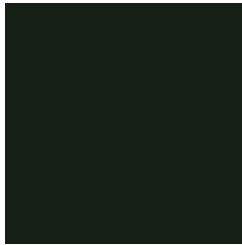
32.6270, 22.8619, 40.6691



85.4910, 59.9039, 106.5634

Previews

White Background



This preview shows how the YUV color 26.8700, -2.8939, -5.1480 looks on a white background.

Color Contrast Check

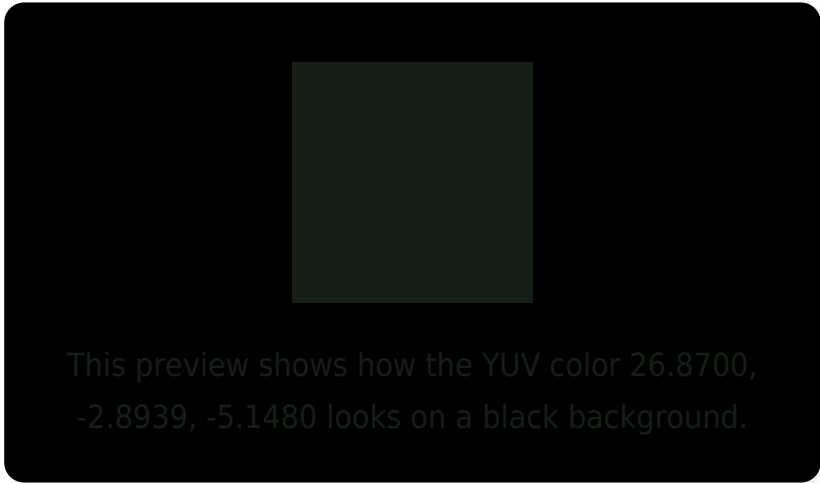
Large Text (above 18pt) WCAG AA ✓ Pass

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

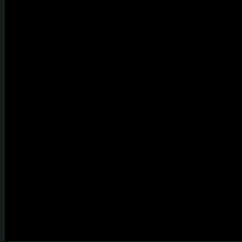
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

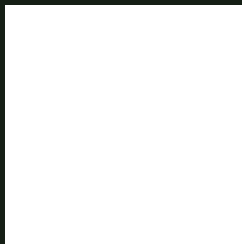
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 26.8700, -2.8939, -5.1480

Background



This preview shows how black text looks on a background with the YUV color 26.8700, -2.8939, -5.1480.



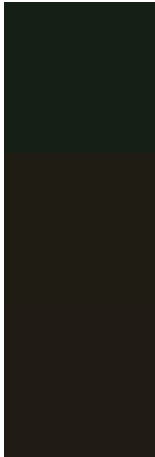
This preview shows how white text looks on a background with the YUV color 26.8700, -2.8939,

-5.1480.

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

26.8700, -2.8939, -5.1480

Protanopia

27.9850, -3.9366, 2.6442

Deuteranopia

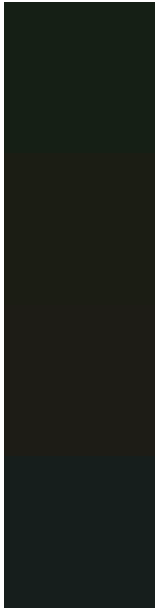
28.2240, -3.0684, 4.1886



Tritanopia

28.1350, 1.9054, -4.5034

Trichromacy



Original Color

26.8700, -2.8939, -5.1480

Protanomaly

27.3760, -3.6364, -0.3298

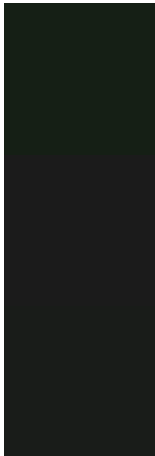
Deuteranomaly

27.6150, -2.7682, 1.2146

Tritanomaly

27.3800, 0.3057, -4.7183

Monochromacy



Original Color

26.8700, -2.8939, -5.1480

Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

26.7610, -0.8682, -1.5444

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.8700, -2.8939, -5.1480 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(21, 31, 21)` looks like.

```
.text, #text, p{  
    color:rgb(21, 31, 21)  
}
```

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(21, 31, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 31, 21) }
```

Border

The CSS property to change the border of an element to YUV 26.8700, -2.8939, -5.1480 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(21, 31, 21) }
```


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

```
.border{ border-color:rgb(21, 31, 21) }
```

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

Here you see how a box with a 4 pixel rgb(21, 31, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 31, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 31, 21);  
box-shadow:4px 4px 4px 4px rgb(21, 31, 21)  
}
```

Background

The CSS property to change the background color of an element to YUV 26.8700, -2.8939, -5.1480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 31, 21) }
```

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

```
.background{ background-color: rgb(21, 31,  
21) }
```

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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