

Converting Colors

YUV(26.7330, -11.7004,
19.5282)

Have a look what the booklet for
YUV(26.7330, -11.7004, 19.5282)
contains.

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Color

**YUV(26.7330, -11.7004,
19.5282)**

Conversions

Conversions Part 1

Format	Color
Hex	311403
RGB	49, 20, 3
RGB Percent	19%, 8%, 1%
CMY	0.8078, 0.9216, 0.9882
CMYK	0.00, 0.59, 0.94, 0.81
HSL	22°, 88%, 10%
HSV	22°, 94%, 19%
XYZ	1.5332, 1.1599, 0.2292
YIQ	26.7330, 22.7410, 0.8610

Conversions

Conversions Part 2

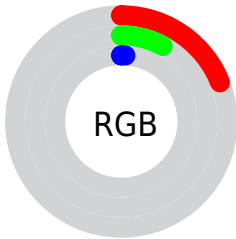
Format	Color
R_{YB}	49, 30, 3
Decimal	3216387
CIE _{Lab}	10.26, 13.15, 14.41
CIE _{LCh}	10, 19.510, 47.602
Yxy	1.1599, 0.5247, 0.3969
Android (android.graphics.Color)	4281406467 (0xFF311403)
YUV	26.7330, -11.7004, 19.5282
Hunter-Lab	10.7697, 6.5651, 6.2769

Details

The YUV color **26.7330, -11.7004, 19.5282** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **25.2670, 11.7004, -19.5282**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **71.5700, -11.1270, 22.3021**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **25.2170, -12.4320, 20.8577**, and if you desaturate by 10%, it is **29.0640, -10.3846, 17.4839**.

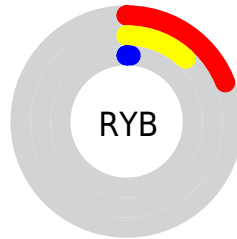
Distribution



Red (19%)

Green (8%)

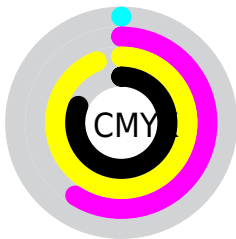
Blue (1%)



Red (19%)

Yellow (12%)

Blue (1%)

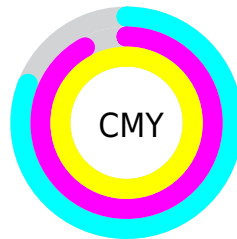


Cyan (0%)

Magenta (59%)

Yellow (94%)

Black (81%)



Cyan (81%)

Magenta (92%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 26.7330, -11.7004, 19.5282 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 26.7330, -11.7004, 19.5282 by changing the saturation by 10% instead.

■ 26.7330, -11.7004,
19.5282

■ 26.7330, -11.7004,
19.5282

■ 246.6390, -9.1890,
7.3326

■ 8.0730, -3.9800,
16.5990

■ 71.5700, -11.1270,
22.3021

■ 0.0000, 0.0000,
0.0000

■ 95.4670, -11.5692,
24.1464


■ 120.9510,
-12.3008, 25.4760


■ 146.5490,
-12.5957, 26.7055


■ 173.6200,
-13.6167, 27.5203


■ 200.9190,


-13.7641, 28.1350


 227.0110,
-13.3164, 24.5464


 26.7330, -11.7004,
19.5282


 26.7330, -11.7004,
19.5282


 25.2170, -12.4320,
20.8577

 29.0640, -10.3846,
17.4839

 31.3950, -9.0687,
15.4396

 33.7260, -7.7529,
13.3953

 36.0570, -6.4371,
11.3510

 38.3880, -5.1213,
9.3067

■ 41.1920, -4.5317,
6.8476

■ 43.5230, -3.2158,
4.8033

■ 45.8540, -1.9000,
2.7590

■ 48.1850, -0.5842,
0.7148

Harmonies

Analogous

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



27.3340, -3.1227, 21.6321



26.7330, -11.7004, 19.5282



26.9340, -13.2785, 12.3359

Triad

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



26.7330, -11.7004, 19.5282



22.4660, -0.2297, -19.7027



27.2730, 12.6834, -8.1324

Complementary

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



26.7330, -11.7004, 19.5282



25.2670, 11.7004, -19.5282

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.



24.3530, 14.6160, -21.3576



26.7330, -11.7004, 19.5282



24.6490, 5.5960, -21.6172

Square

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



26.7330, -11.7004, 19.5282



23.8280, -9.2822, -9.4962



25.3160, 10.6902, -22.2021



28.9330, 8.4140, 7.9518

Rectangle

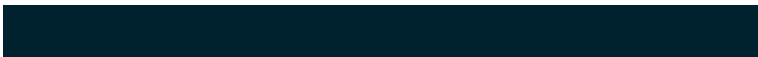
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.7330, -11.7004, 19.5282



26.3030, -12.9674, 5.8733



25.3160, 10.6902, -22.2021



24.6850, 14.4523, -15.5097

Sweetspot

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



26.7330, -11.7004, 19.5282



54.9040, -4.3897, 7.9772



20.0600, 5.8864, 25.3804



27.6370, -2.7790, 4.7034



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



26.7330, -11.7004, 19.5282



33.2240, -16.3794, 26.9906



40.2340, -18.3564, 7.6878



24.4840, -0.7316, 1.3295



45.9820, -22.6691, 37.7268



111.8430, -55.1386, 92.2227

Inverse Universe

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



25.2670, 11.7004, -19.5282



30.7760, 16.3794, -26.9906



11.7660, 18.3564, -7.6878



24.5160, 0.7316, -1.3295



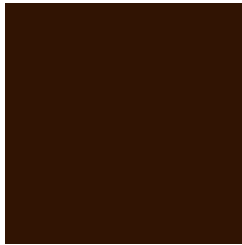
43.0180, 22.6691, -37.7268



105.1570, 55.1386, -92.2227

Previews

White Background



This preview shows how the YUV color 26.7330, -11.7004, 19.5282 looks on a white background.

Color Contrast Check

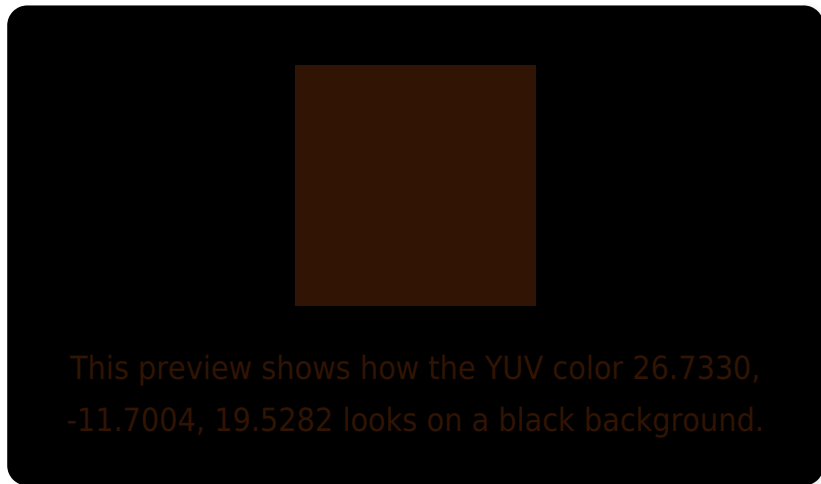
Large Text (above 18pt) WCAG AA ✓ Pass

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

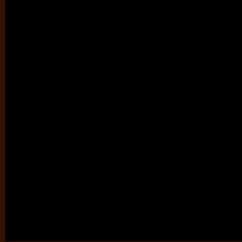
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 26.7330, -11.7004, 19.5282

Background



This preview shows how black text looks on a background with the YUV color 26.7330, -11.7004, 19.5282.

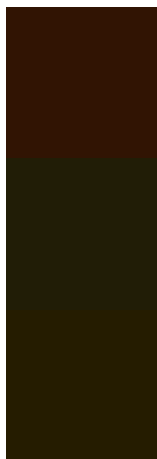


This preview shows how white text looks on a background with the YUV color 26.7330, -11.7004,

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

26.7330, -11.7004, 19.5282

Protanopia

27.5740, -10.6360, 4.7586

Deuteranopia

27.4990, -13.5570, 8.3324



Tritanopia

28.0840, -3.9854, 18.3433

Trichromacy



Original Color

26.7330, -11.7004, 19.5282

Protanomaly

27.4930, -11.0890, 10.0916

Deuteranomaly

27.0480, -12.8417, 12.2359

Tritanomaly

27.4000, -6.6062, 18.9432

Monochromacy



Original Color

26.7330, -11.7004, 19.5282

Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

26.6050, -4.2423, 7.3624

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.7330, -11.7004, 19.5282 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(49, 20, 3)` looks like.

```
.text, #text, p{  
    color:rgb(49, 20, 3)  
}
```

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(49, 20, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 20, 3) }
```

Border

The CSS property to change the border of an element to YUV 26.7330, -11.7004, 19.5282 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(49, 20, 3) }
```


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

```
.border{ border-color:rgb(49, 20, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 20, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 20, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(49, 20, 3); box-shadow:4px  
4px 4px 4px rgb(49, 20, 3) }
```

Background

The CSS property to change the background color of an element to YUV 26.7330, -11.7004, 19.5282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 20, 3) }
```

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

```
.background{ background-color: rgb(49, 20,  
3) }
```

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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