

Converting Colors

YUV(24.7330, -11.7004,
19.5282)

Have a look what the booklet for
YUV(24.7330, -11.7004, 19.5282)
contains.

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Color

**YUV(24.7330, -11.7004,
19.5282)**

Conversions

Conversions Part 1

Format	Color
Hex	2F1201
RGB	47, 18, 1
RGB Percent	18%, 7%, 0%
CMY	0.8157, 0.9294, 0.9961
CMYK	0.00, 0.62, 0.98, 0.82
HSL	22°, 96%, 9%
HSV	22°, 98%, 18%
XYZ	1.3941, 1.0391, 0.1558
YIQ	24.7330, 22.7410, 0.8610

Conversions

Conversions Part 2

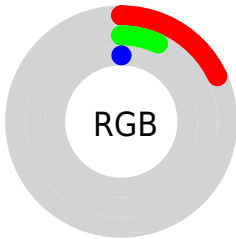
Format	Color
RYB	47, 28, 1
Decimal	3084801
CIELab	9.31, 13.28, 13.83
CIElCh	9, 19.175, 46.154
Yxy	1.0391, 0.5385, 0.4014
Android (android.graphics.Color)	4281274881 (0xFF2F1201)
YUV	24.7330, -11.7004, 19.5282
Hunter-Lab	10.1938, 6.5719, 6.2294

Details

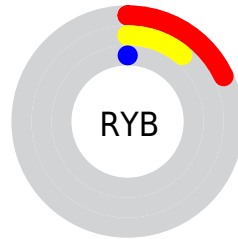
The YUV color **24.7330, -11.7004, 19.5282** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **23.2670, 11.7004, -19.5282**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **69.6840, -10.6902, 22.2021**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.0320, -11.8478, 20.1429**, and if you desaturate by 10%, it is **27.0640, -10.3846, 17.4839**.

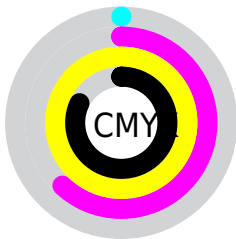
Distribution



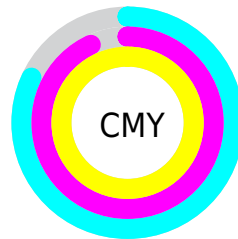
- Red (18%)
- Green (7%)
- Blue (0%)



- Red (18%)
- Yellow (11%)
- Blue (0%)



- Cyan (0%)
- Magenta (62%)
- Yellow (98%)
- Black (82%)



- Cyan (82%)
- Magenta (93%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.7330, -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 24.7330, -11.7004, 19.5282 by changing the saturation by 10% instead.

■ 24.7330, -11.7004,
19.5282

■ 24.7330, -11.7004,
19.5282

■ 244.7640, -8.7577,
8.9770

■ 6.5780, -3.2430,
13.5251

■ 69.6840, -10.6902,
22.2021

■ 0.0000, 0.0000,
0.0000

■ 93.2820, -10.9850,
23.4317


■ 118.6520,
-12.1534, 24.8612


■ 144.2500,
-12.4482, 26.0907


■ 170.8480,
-12.7431, 27.3203


■ 198.3320,


-13.4747, 28.6498


 225.1360,
-12.8850, 26.1907


 24.7330, -11.7004,
19.5282


 24.7330, -11.7004,
19.5282


 24.0320, -11.8478,
20.1429

 27.0640, -10.3846,
17.4839

 29.2810, -9.5055,
15.5396

 31.6120, -8.1897,
13.4953

 33.9430, -6.8739,
11.4510

 36.1600, -5.9949,
9.5067

■ 38.4910, -4.6791,
7.4624

■ 40.8220, -3.3632,
5.4181

■ 43.1530, -2.0474,
3.3738

■ 45.3700, -1.1684,
1.4295

Harmonies

Analogous

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



25.3340, -3.1227, 21.6321



24.7330, -11.7004, 19.5282



25.1620, -12.4049, 12.1359

Triad

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



24.7330, -11.7004, 19.5282



20.9500, -0.9613, -18.3731



24.9740, 12.8308, -8.7472

Complementary

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



24.7330, -11.7004, 19.5282



23.2670, 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.



22.8370, 13.8844, -20.0280



24.7330, -11.7004, 19.5282



23.1330, 4.8644, -20.2876

Square

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



24.7330, -11.7004, 19.5282



22.1980, -10.4506, -8.0666



23.8000, 9.9586, -20.8726



27.5200, 8.1246, 7.4370

Rectangle

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



24.7330, -11.7004, 19.5282



24.8300, -12.2412, 6.2881



23.8000, 9.9586, -20.8726



22.9730, 14.3103, -16.6393

Sweetspot

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



24.7330, -11.7004, 19.5282



52.4910, -4.6791, 7.4624



18.0600, 5.8864, 25.3804



25.6370, -2.7790, 4.7034



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



24.7330, -11.7004, 19.5282



31.7400, -15.6478, 25.6610



38.2340, -18.3564, 7.6878



22.1850, -0.5842, 0.7148



44.7970, -22.0849, 37.0120



110.3590, -54.4070, 90.8932

Inverse Universe

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



23.2670, 11.7004, -19.5282



29.8470, 15.3584, -26.1758



9.7660, 18.3564, -7.6878



21.8150, 0.5842, -0.7148



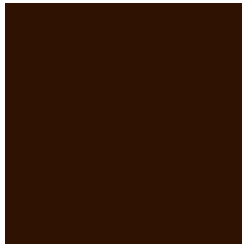
42.2030, 22.0849, -37.0120



103.6410, 54.4070, -90.8932

Previews

White Background



This preview shows how the YUV color 24.7330, -11.7004, 19.5282 looks on a white background.

Color Contrast Check

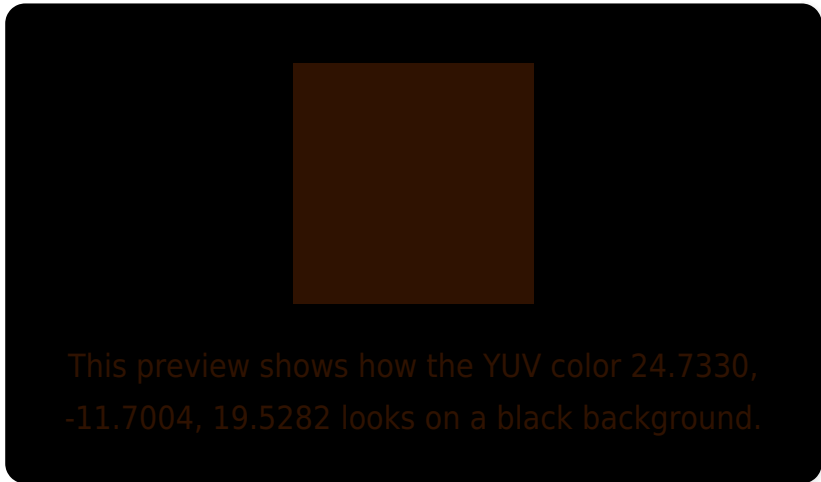
Large Text (above 18pt) WCAG AA ✓ Pass

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

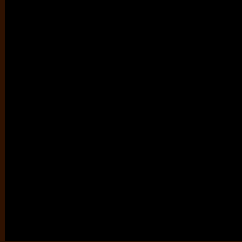
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 24.7330, -11.7004, 19.5282

Background



This preview shows how black text looks on a background with the YUV color 24.7330, -11.7004, 19.5282.

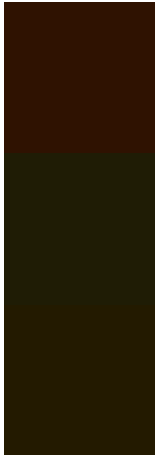


This preview shows how white text looks on a background with the YUV color 24.7330, -11.7004,

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

24.7330, -11.7004, 19.5282

Protanopia

26.2750, -10.4886, 4.1438

Deuteranopia

25.7270, -12.6834, 8.1324



Tritanopia

26.0840, -3.9854, 18.3433

Trichromacy



Original Color

24.7330, -11.7004, 19.5282

Protanomaly

25.6070, -10.6523, 9.9917

Deuteranomaly

25.1620, -12.4049, 12.1359

Tritanomaly

25.4000, -6.6062, 18.9432

Monochromacy



Original Color

24.7330, -11.7004, 19.5282

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

24.6050, -4.2423, 7.3624

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.7330, -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(47, 18, 1)` looks like.

```
.text, #text, p{  
    color:rgb(47, 18, 1)  
}
```

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(47, 18, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 18, 1) }
```

Border

The CSS property to change the border of an element to YUV 24.7330, -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(47, 18, 1) }
```


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

```
.border{ border-color:rgb(47, 18, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 18, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 18, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(47, 18, 1); box-shadow:4px  
4px 4px 4px rgb(47, 18, 1) }
```

Background

The CSS property to change the background color of an element to YUV 24.7330, -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(47, 18, 1) }
```

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

```
.background{ background-color: rgb(47, 18,  
1) }
```

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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