

Converting Colors

YUV(26.9090, 38.4989, 18.4968)

Have a look what the booklet for
YUV(26.9090, 38.4989, 18.4968)
contains.

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Color

**YUV(26.9090, 38.4989,
18.4968)**

Conversions

Conversions Part 1

Format	Color
Hex	300169
RGB	48, 1, 105
RGB Percent	19%, 0%, 41%
CMY	0.8118, 0.9961, 0.5882
CMYK	0.54, 0.99, 0.00, 0.59
HSL	267°, 98%, 21%
HSV	267°, 99%, 41%
XYZ	3.7796, 1.6700, 13.4877
YIQ	26.9090, -5.3720, 42.3080

Conversions

Conversions Part 2

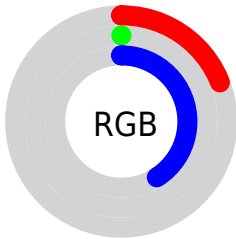
Format	Color
RYB	48, 1, 105
Decimal	3146089
CIELab	13.65, 42.86, -48.58
CIELCh	14, 64.782, 311.422
Yxy	1.6700, 0.1996, 0.0882
Android (android.graphics.Color)	4281336169 (0xFF300169)
YUV	26.9090, 38.4989, 18.4968
Hunter-Lab	12.9229, 29.5912, -52.8356

Details

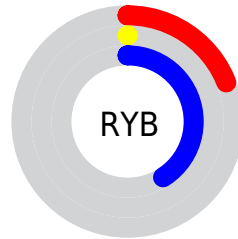
The YUV color **26.9090, 38.4989, 18.4968** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **79.0910, -38.4989, -18.4968**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.5070, 38.2040, 19.7264**, and **6.3840, 24.4607, -5.5988** is the 20% darker color. If you saturate the color by 10%, you get **26.0230, 38.9357, 18.3968**, and if you desaturate by 10%, it is **34.5730, 34.7205, 17.0375**.

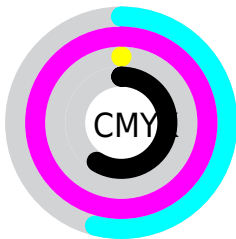
Distribution



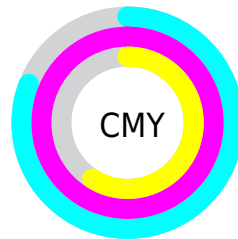
- Red (19%)
- Green (0%)
- Blue (41%)



- Red (19%)
- Yellow (0%)
- Blue (41%)



- Cyan (54%)
- Magenta (99%)
- Yellow (0%)
- Black (59%)



- Cyan (81%)
- Magenta (100%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 26.9090, 38.4989, 18.4968 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 26.9090, 38.4989, 18.4968 by changing the saturation by 10% instead.

■ 26.9090, 38.4989,
18.4968

■ 26.9090, 38.4989,
18.4968

■ 246.1950, 4.3409,
7.7220

■ 15.1000, 31.9957,
4.2973

■ 79.5070, 38.2040,
19.7264

■ 6.3840, 24.4607,
-5.5988

■ 105.4470, 39.2196,
20.6560

■ 5.0500, 14.2723,
-4.4289

■ 131.6860, 40.0878,
22.2004

■ 0.9120, 3.4944,
-0.7998


■ 158.5120, 40.6666,
23.2300


■ 0.0000, 0.0000,
0.0000


■ 184.6280, 34.6934,
25.7592


■ 209.1480, 22.6050,


29.6882


 229.1720, 12.7332,
22.6512


 26.9090, 38.4989,
18.4968


 26.9090, 38.4989,
18.4968


 26.0230, 38.9357,
18.3968

 34.5730, 34.7205,
17.0375

 42.8240, 30.6528,
15.0634

 50.7760, 26.7324,
12.4744

 58.4400, 22.9541,
11.0151

 66.1040, 19.1757,
9.5558

■ 74.3550, 15.1080,
7.5817

■ 81.7200, 11.4770,
5.5076

■ 89.9710, 7.4093,
3.5334

■ 98.2220, 3.3416,
1.5593

Harmonies

Analogous

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



36.8980, 44.9133, -32.3595



26.9090, 38.4989, 18.4968



36.1140, 14.2408, 52.5200

Triad

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



26.9090, 38.4989, 18.4968



31.4740, -15.5167, 30.2793



35.8650, 7.9546, -31.4536

Complementary

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



26.9090, 38.4989, 18.4968



79.0910, -38.4989, -18.4968

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.



29.3500, -14.4695, -25.7399



26.9090, 38.4989, 18.4968



31.2650, -15.4136, -2.8634

Square

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



26.9090, 38.4989, 18.4968



27.8070, -13.7089, 57.1743



27.0020, -13.3120, -23.6808



40.8810, 27.1737, -35.8526

Rectangle

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



26.9090, 38.4989, 18.4968



35.3850, -0.1898, 61.0524



27.0020, -13.3120, -23.6808



33.4540, 1.2552, -29.3392

Sweetspot

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



26.9090, 38.4989, 18.4968



106.4690, 15.5448, 7.4817



46.3150, 28.9317, -39.7413



50.1390, 9.2985, 4.2631



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



26.9090, 38.4989, 18.4968



34.2700, 51.1389, 24.3192



42.4570, 30.8337, 50.4652



49.5810, 2.1786, 1.2445



29.1850, 43.2928, 20.8858



61.1190, 90.6533, 43.7456

Inverse Universe

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



38.5940, 9.5672, 58.2381



49.8120, 12.4177, 77.3409



63.5430, -30.8337, -50.4652



50.1360, 0.4260, 3.3887



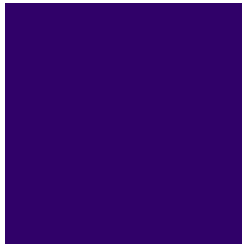
42.2790, 10.7085, 65.5303



88.5310, 22.4162, 137.2233

Previews

White Background



This preview shows how the YUV color 26.9090, 38.4989, 18.4968 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

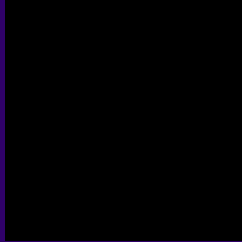
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 26.9090, 38.4989, 18.4968

Background



This preview shows how black text looks on a background with the YUV color 26.9090, 38.4989, 18.4968.



This preview shows how white text looks on a background with the YUV color 26.9090, 38.4989,

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

26.9090, 38.4989, 18.4968

Protanopia

30.7250, 23.7996, -26.9458

Deuteranopia

31.1180, 17.6898, -27.2905



Tritanopia

37.4550, 3.2267, -8.2920

Trichromacy



Original Color

26.9090, 38.4989, 18.4968

Protanomaly

29.2030, 28.9869, -10.7020

Deuteranomaly

29.5790, 25.3506, -11.0318

Tritanomaly

33.2510, 16.1453, 1.5339

Monochromacy



Original Color

26.9090, 38.4989, 18.4968

Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

27.3010, 13.6556, 6.7520

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.9090, 38.4989, 18.4968 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(48, 1, 105)` looks like.

```
.text, #text, p{  
    color:rgb(48, 1, 105)  
}
```

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(48, 1, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 1, 105) }
```

Border

The CSS property to change the border of an element to YUV 26.9090, 38.4989, 18.4968 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(48, 1, 105) }
```


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

```
.border{ border-color:rgb(48, 1, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 1, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 1, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 1, 105);  
box-shadow:4px 4px 4px 4px rgb(48, 1, 105)  
}
```

Background

The CSS property to change the background color of an element to YUV 26.9090, 38.4989, 18.4968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 1, 105) }
```

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

```
.background{ background-color: rgb(48, 1,  
105) }
```

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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