

Converting Colors

YUV(26.3190, 29.9157, 18.1372)

Have a look what the booklet for
YUV(26.3190, 29.9157, 18.1372)
contains.

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Color

**YUV(26.3190, 29.9157,
18.1372)**

Conversions

Conversions Part 1

Format	Color
Hex	2F0457
RGB	47, 4, 87
RGB Percent	18%, 2%, 34%
CMY	0.8157, 0.9843, 0.6588
CMYK	0.46, 0.95, 0.00, 0.66
HSL	271°, 91%, 18%
HSV	271°, 95%, 34%
XYZ	2.9360, 1.3793, 9.1283
YIQ	26.3190, -1.0150, 34.9290

Conversions

Conversions Part 2

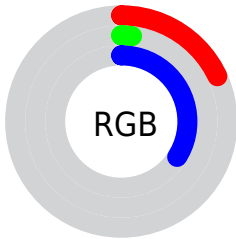
Format	Color
R_{YB}	47, 4, 87
Decimal	3081303
CIE _{Lab}	11.82, 36.97, -39.57
CIE _{LCh}	12, 54.155, 313.057
Yxy	1.3793, 0.2184, 0.1026
Android (android.graphics.Color)	4281271383 (0xFF2F0457)
YUV	26.3190, 29.9157, 18.1372
Hunter-Lab	11.7443, 24.0713, -37.8623

Details

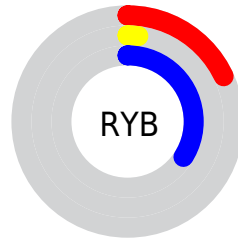
The YUV color **26.3190, 29.9157, 18.1372** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **64.6810, -29.9157, -18.1372**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **76.1450, 30.4945, 19.1668**, and **5.1470, 17.1825, -4.5139** is the 20% darker color. If you saturate the color by 10%, you get **23.3730, 31.3681, 18.9669**, and if you desaturate by 10%, it is **32.7980, 26.7216, 15.9632**.

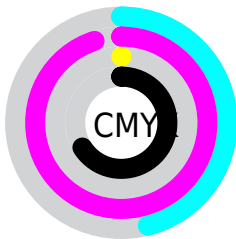
Distribution



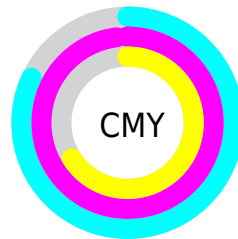
- Red (18%)
- Green (2%)
- Blue (34%)



- Red (18%)
- Yellow (2%)
- Blue (34%)



- Cyan (46%)
- Magenta (95%)
- Yellow (0%)
- Black (66%)



- Cyan (82%)
- Magenta (98%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 26.3190, 29.9157, 18.1372 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 26.3190, 29.9157, 18.1372 by changing the saturation by 10% instead.

■ 26.3190, 29.9157,
18.1372

■ 26.3190, 29.9157,
18.1372

■ 245.0210, 4.9196,
8.7516

■ 14.6570, 23.8331,
9.0708

■ 76.1450, 30.4945,
19.1668

■ 5.1470, 17.1825,
-4.5139

■ 101.2700, 30.9259,
20.8112

■ 2.6390, 7.5730,
-2.3144

■ 127.2100, 31.9415,
21.7408


■ 0.0000, 0.0000,
0.0000


■ 153.7370, 32.6677,
22.1557


■ 180.9760, 33.5358,
23.7000


■ 206.4680, 23.9263,


25.8996


 227.9980, 13.3120,
23.6808


 26.3190, 29.9157,
18.1372

 26.3190, 29.9157,
18.1372


 23.3730, 31.3681,
18.9669

 32.7980, 26.7216,
15.9632

 38.6900, 23.8168,
14.3039

 45.4680, 20.4753,
12.7446

 51.9470, 17.2811,
10.5705

 57.8390, 14.3764,
8.9112

■ 64.3180, 11.1822,
6.7371

■ 70.7970, 7.9881,
4.5630

■ 77.5750, 4.6465,
3.0037

■ 83.4670, 1.7418,
1.3444

Harmonies

Analogous

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



30.8680, 37.0401, -27.0712



26.3190, 29.9157, 18.1372



30.9730, 11.3523, 45.6277

Triad

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



26.3190, 29.9157, 18.1372



29.3700, -14.4794, 24.2315



32.3600, 7.2175, -28.3797

Complementary

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



26.3190, 29.9157, 18.1372



64.6810, -29.9157, -18.1372

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.



26.6430, -12.1490, -23.3659



26.3190, 29.9157, 18.1372



28.0200, -13.8139, -2.6485

Square

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



26.3190, 29.9157, 18.1372



23.6210, -11.6452, 48.5674



24.0670, -11.8650, -21.1068



35.8770, 23.2316, -31.4641

Rectangle

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



26.3190, 29.9157, 18.1372



30.2160, -0.5995, 52.4306



24.0670, -11.8650, -21.1068



30.2910, 1.8285, -26.5652

Sweetspot

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



26.3190, 29.9157, 18.1372



88.7310, 11.4716, 7.2519



36.9420, 24.6786, -28.8901



41.5690, 7.1145, 4.7630



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



26.3190, 29.9157, 18.1372



30.1100, 40.3718, 24.4595



38.1650, 23.5827, 42.8283



40.0540, 1.4524, 0.8296



28.6430, 38.6300, 23.1151



63.2680, 84.6639, 51.5080

Inverse Universe

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



33.3770, 5.2371, 47.0274



39.6440, 7.0775, 63.4562



52.8350, -23.5827, -42.8283



40.4240, 0.2840, 2.2592



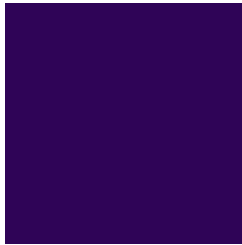
37.9210, 6.9409, 60.5823



83.1470, 14.7175, 133.1751

Previews

White Background



This preview shows how the YUV color 26.3190, 29.9157, 18.1372 looks on a white background.

Color Contrast Check

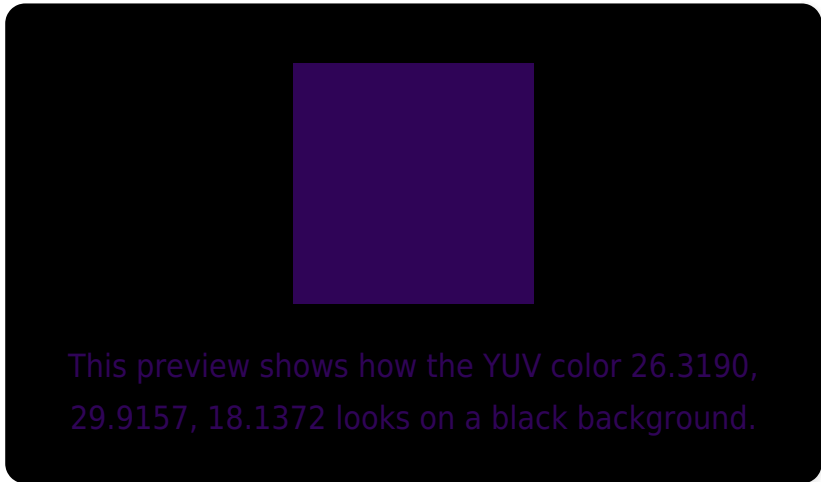
Large Text (above 18pt) WCAG AA ✓ Pass

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

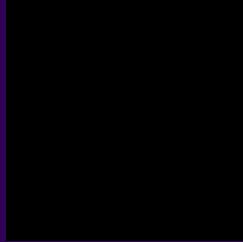
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 26.3190, 29.9157, 18.1372

Background



This preview shows how black text looks on a background with the YUV color 26.3190, 29.9157, 18.1372.



This preview shows how white text looks on a background with the YUV color 26.3190, 29.9157,

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

26.3190, 29.9157, 18.1372

Protanopia

27.3510, 21.0260, -23.9868

Deuteranopia

27.3850, 16.0792, -24.0166



Tritanopia

34.6410, 1.1630, 0.3148

Trichromacy



Original Color

26.3190, 29.9157, 18.1372

Protanomaly

26.6610, 24.3241, -8.4727

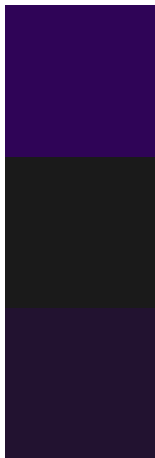
Deuteranomaly

27.1510, 21.1246, -8.9024

Tritanomaly

31.4320, 11.6190, 6.6371

Monochromacy



Original Color

26.3190, 29.9157, 18.1372

Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

26.2040, 10.7454, 6.8371

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.3190, 29.9157, 18.1372 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, 4, 87)` looks like.

```
.text, #text, p{  
    color:rgb(47, 4, 87)  
}
```

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, 4, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 4, 87) }
```

Border

The CSS property to change the border of an element to YUV 26.3190, 29.9157, 18.1372 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, 4, 87) }
```


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

```
.border{ border-color:rgb(47, 4, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 4, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 4, 87); -webkit-box-shadow:4px  
4px 4px 4px rgb(47, 4, 87); box-shadow:4px  
4px 4px 4px rgb(47, 4, 87) }
```

Background

The CSS property to change the background color of an element to YUV 26.3190, 29.9157, 18.1372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 4, 87) }
```

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

```
.background{ background-color: rgb(47, 4,  
87) }
```

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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