

Converting Colors

YUV(18.9190, 2.9979, 18.4880)

Have a look what the booklet for
YUV(18.9190, 2.9979, 18.4880)
contains.

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Color

**YUV(18.9190, 2.9979,
18.4880)**

Conversions

Conversions Part 1

Format	Color
Hex	280719
RGB	40, 7, 25
RGB Percent	16%, 3%, 10%
CMY	0.8431, 0.9725, 0.9020
CMYK	0.00, 0.82, 0.38, 0.84
HSL	327°, 70%, 9%
HSV	327°, 82%, 16%
XYZ	1.1265, 0.6733, 0.9903
YIQ	18.9190, 13.8900, 12.5940

Conversions

Conversions Part 2

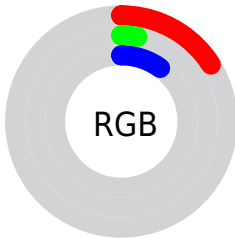
Format	Color
R_{YB}	40, 7, 25
Decimal	2623257
CIE Lab	6.08, 18.82, -3.68
CIE LCh	6, 19.176, 348.949
Yxy	0.6733, 0.4038, 0.2413
Android (android.graphics.Color)	4280813337 (0xFF280719)
YUV	18.9190, 2.9979, 18.4880
Hunter-Lab	8.2052, 10.1475, -1.4120

Details

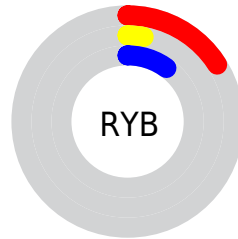
The YUV color **18.9190, 2.9979, 18.4880** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **28.0810, -2.9979, -18.4880**, and the grayscale version is **19.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **63.7020, 2.1189, 20.4323**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **16.3430, 3.2819, 20.7472**, and if you desaturate by 10%, it is **21.4950, 2.7140, 16.2289**.

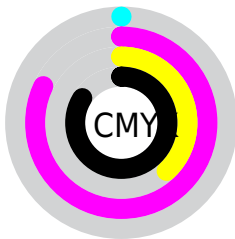
Distribution



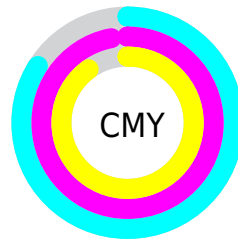
- Red (16%)
- Green (3%)
- Blue (10%)



- Red (16%)
- Yellow (3%)
- Blue (10%)



- Cyan (0%)
- Magenta (82%)
- Yellow (38%)
- Black (84%)



- Cyan (84%)
- Magenta (97%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 18.9190, 2.9979, 18.4880 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 18.9190, 2.9979, 18.4880 by changing the saturation by 10% instead.

■ 18.9190, 2.9979,
18.4880

■ 18.9190, 2.9979,
18.4880

■ 241.0430, 4.9088,
12.2403

■ 1.4950, -0.7370,
3.0739

■ 63.7020, 2.1189,
20.4323

■ 0.0000, 0.0000,
0.0000

■ 87.0010, 1.9715,
21.0471


■ 111.7130, 2.1135,
22.1767


■ 137.3110, 1.8187,
23.4063


■ 163.7240, 2.1081,
23.9211

■ 191.0230, 1.9607,


24.5358


 218.7350, 2.1026,
25.6654


 18.9190, 2.9979,
18.4880


 18.9190, 2.9979,
18.4880


 16.3430, 3.2819,
20.7472


 21.4950, 2.7140,
16.2289

 14.4680, 3.7133,
22.3916

 24.0710, 2.4300,
13.9697

 26.5330, 1.7092,
11.8106

 29.1090, 1.4253,
9.5514

 31.6850, 1.1413,
7.2923

■ 34.2610, 0.8573,
5.0331

■ 36.8370, 0.5734,
2.7740

■ 39.4130, 0.2894,
0.5148

■ 41.8750, -0.4314,
-1.6444

Harmonies

Analogous

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



20.1180, 7.8298, 8.6665



18.9190, 2.9979, 18.4880



17.8780, -4.8699, 22.0320

Triad

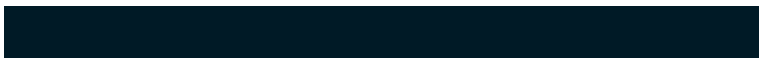
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



18.9190, 2.9979, 18.4880



17.9970, -8.8725, -0.8744



19.5940, 9.0742, -17.1839

Complementary

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



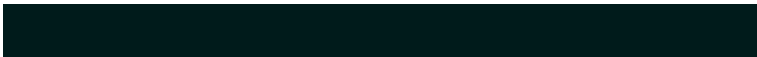
18.9190, 2.9979, 18.4880



28.0810, -2.9979, -18.4880

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.



18.9270, 3.9800, -16.5990



18.9190, 2.9979, 18.4880



14.6750, -7.2348, -12.8700

Square

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



18.9190, 2.9979, 18.4880



18.9490, -9.3419, 9.6917



17.2170, -2.5720, -15.0993



18.5170, 12.5631, -16.2394

Rectangle

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



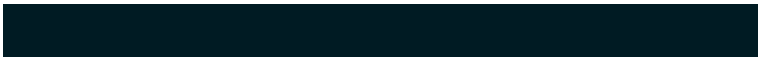
18.9190, 2.9979, 18.4880



17.5420, -8.6482, 20.5727



17.2170, -2.5720, -15.0993



19.8390, 7.4744, -17.3988

Sweetspot

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



18.9190, 2.9979, 18.4880



42.6850, 1.1413, 7.2923



15.2470, 12.2032, 5.9224



20.8480, 0.5679, 4.5183



153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



18.9190, 2.9979, 18.4880



19.0280, 4.4232, 28.0394



17.0950, -3.9908, 20.0877



18.7120, 0.1420, 1.1296



30.3600, 7.7105, 47.0423



76.4980, 18.9815, 118.8353

Inverse Universe

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



18.9190, 2.9979, 18.4880



19.0280, 4.4232, 28.0394



29.9050, 3.9908, -20.0877



18.7120, 0.1420, 1.1296



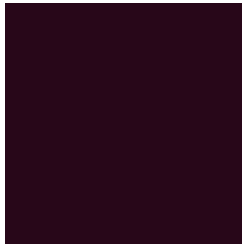
30.3600, 7.7105, 47.0423



76.4980, 18.9815, 118.8353

Previews

White Background



This preview shows how the YUV color 18.9190, 2.9979, 18.4880 looks on a white background.

Color Contrast Check

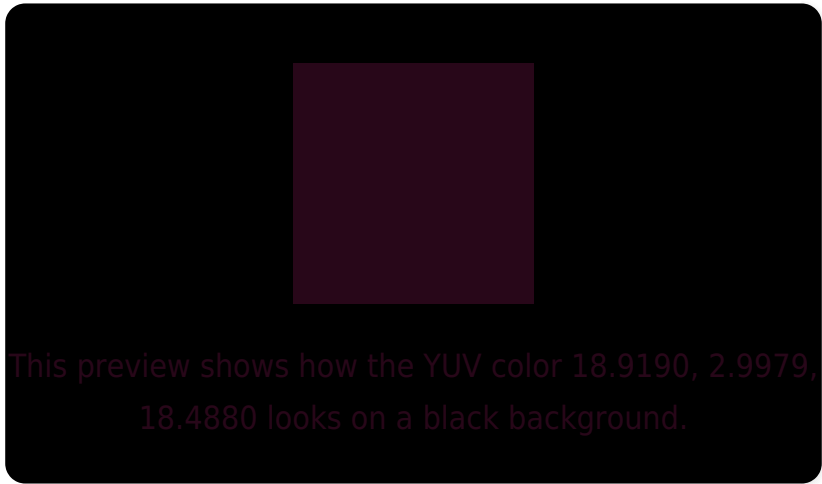
Large Text (above 18pt) WCAG AA ✓ Pass

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

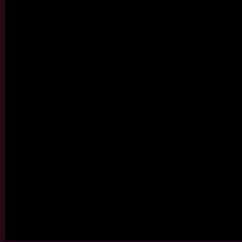
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 18.9190, 2.9979, 18.4880

Background



This preview shows how black text looks on a background with the YUV color 18.9190, 2.9979, 18.4880.



This preview shows how white text looks on a background with the YUV color 18.9190, 2.9979,

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

18.9190, 2.9979, 18.4880

Protanopia

21.2860, 6.2680, -3.7588

Deuteranopia

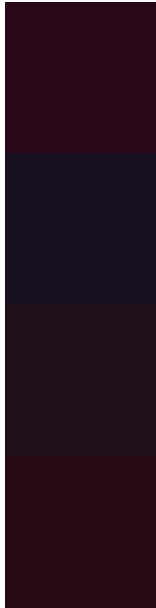
21.8260, 0.5788, 1.0296



Tritanopia

20.0730, -3.9800, 16.5990

Trichromacy



Original Color

18.9190, 2.9979, 18.4880

Protanomaly

20.4010, 5.2253, 4.0333

Deuteranomaly

20.7990, 1.5781, 7.1923

Tritanomaly

19.4690, -1.2172, 17.1287

Monochromacy



Original Color

18.9190, 2.9979, 18.4880

Achromatopsia

19.0000, 0.0000, 0.0000

Achromatomaly

19.2720, 0.8519, 6.7775

CSS Examples

Text

The CSS property to change the color of the text to YUV 18.9190, 2.9979, 18.4880 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(40, 7, 25)` looks like.

```
.text, #text, p{  
    color:rgb(40, 7, 25)  
}
```

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(40, 7, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 7, 25) }
```

Border

The CSS property to change the border of an element to YUV 18.9190, 2.9979, 18.4880 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(40, 7, 25) }
```


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

```
.border{ border-color:rgb(40, 7, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 7, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 7, 25); -webkit-box-shadow:4px  
4px 4px 4px rgb(40, 7, 25); box-shadow:4px  
4px 4px 4px rgb(40, 7, 25) }
```

Background

The CSS property to change the background color of an element to YUV 18.9190, 2.9979, 18.4880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 7, 25) }
```

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

```
.background{ background-color: rgb(40, 7,  
25) }
```

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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