

Converting Colors

YUV(13.3190, 26.4647, 4.9822)

Have a look what the booklet for
YUV(13.3190, 26.4647, 4.9822)
contains.

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Color

**YUV(13.3190, 26.4647,
4.9822)**

Conversions

Conversions Part 1

Format	Color
Hex	130043
RGB	19, 0, 67
RGB Percent	7%, 0%, 26%
CMY	0.9255, 1.0000, 0.7373
CMYK	0.72, 1.00, 0.00, 0.74
HSL	257°, 100%, 13%
HSV	257°, 100%, 26%
XYZ	1.2817, 0.5437, 5.3476
YIQ	13.3190, -10.1830, 24.8650

Conversions

Conversions Part 2

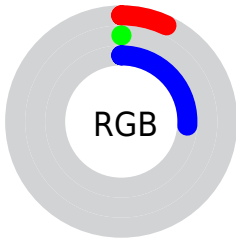
Format	Color
R_{YB}	19, 0, 67
Decimal	1245251
CIE Lab	4.91, 28.88, -37.19
CIE LCh	5, 47.083, 307.828
Yxy	0.5437, 0.1787, 0.0758
Android (android.graphics.Color)	4279435331 (0xFF130043)
YUV	13.3190, 26.4647, 4.9822
Hunter-Lab	7.3736, 18.1232, -37.8378

Details

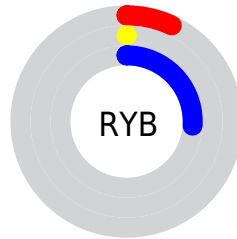
The YUV color **13.3190, 26.4647, 4.9822** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **53.6810, -26.4647, -4.9822**, and the grayscale version is **13.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **59.9820, 27.6169, 8.7858**, and **3.0950, 9.3202, -2.7143** is the 20% darker color. If you saturate the color by 10%, you get **13.3190, 26.4647, 4.9822**, and if you desaturate by 10%, it is **18.9230, 23.7020, 4.4525**.

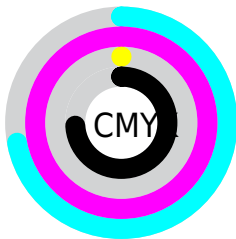
Distribution



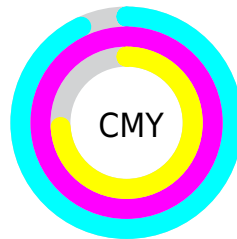
- Red (7%)
- Green (0%)
- Blue (26%)



- Red (7%)
- Yellow (0%)
- Blue (26%)



- Cyan (72%)
- Magenta (100%)
- Yellow (0%)
- Black (74%)



- Cyan (93%)
- Magenta (100%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 13.3190, 26.4647, 4.9822 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 13.3190, 26.4647, 4.9822 by changing the saturation by 10% instead.

■ 13.3190, 26.4647,
4.9822

■ 13.3190, 26.4647,
4.9822

■ 236.8030, 8.9711,
15.9588

■ 5.0160, 19.2191,
-4.3990

■ 59.9820, 27.6169,
8.7858

■ 3.0950, 9.3202,
-2.7143

■ 83.9220, 28.6325,
9.7154

■ 0.0000, 0.0000,
0.0000

■ 108.8620, 29.6480,
10.6450

■ 134.6880, 30.2268,
11.6746

■ 161.2150, 30.9530,
12.0894

■ 188.7420, 31.6792,

12.5043

■ 213.4900, 20.4644,
16.2333

■ 13.3190, 26.4647,
4.9822

■ 18.9230, 23.7020,
4.4525

■ 23.9400, 21.2286,
4.4376

■ 29.2450, 18.6132,
3.2931

■ 34.8490, 15.8504,
2.7634

■ 40.4530, 13.0877,
2.2337

■ 45.4700, 10.6143,
2.2188

■ 51.0740, 7.8515,
1.6891

■ 56.3790, 5.2362,
0.5446

■ 61.3960, 2.7628,
0.5297

Harmonies

Analogous

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



20.8600, 29.1560, -18.2942



13.3190, 26.4647, 4.9822



21.4180, 9.6539, 30.3284

Triad

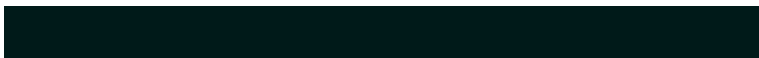
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13.3190, 26.4647, 4.9822



14.0200, -6.9119, 23.6615



18.1120, 3.3958, -15.8842

Complementary

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



13.3190, 26.4647, 4.9822



53.6810, -26.4647, -4.9822

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.



15.2620, -7.5242, -13.3848



13.3190, 26.4647, 4.9822



14.4420, -7.1199, -3.0186

Square

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



13.3190, 26.4647, 4.9822



17.3420, -8.5496, 35.6571



15.2620, -7.5242, -13.3848



22.7060, 15.9209, -19.9132

Rectangle

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



13.3190, 26.4647, 4.9822



21.5300, -0.2613, 37.2462



15.2620, -7.5242, -13.3848



16.6300, -2.2826, -14.5845

Sweetspot

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



13.3190, 26.4647, 4.9822



66.0570, 10.3249, 1.7040



35.8140, 15.3747, -31.4089



30.9060, 5.9623, 0.9594



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



13.3190, 26.4647, 4.9822



17.3930, 34.3163, 6.6713



23.1860, 21.6003, 25.2699



30.6410, 1.1630, 0.3148



19.1310, 38.3894, 6.9011



44.6720, 88.4087, 16.9507

Inverse Universe

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



25.5050, 11.0900, 36.3911



33.0810, 14.2571, 47.2870



43.8140, -21.6003, -25.2699



31.1250, 0.4314, 1.6444



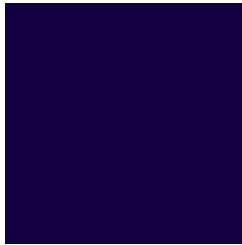
36.8690, 15.8406, 52.7349



85.3300, 37.3053, 121.6136

Previews

White Background



This preview shows how the YUV color 13.3190, 26.4647, 4.9822 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

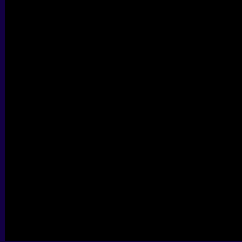
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 13.3190, 26.4647, 4.9822

Background



This preview shows how black text looks on a background with the YUV color 13.3190, 26.4647, 4.9822.



This preview shows how white text looks on a background with the YUV color 13.3190, 26.4647,

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



Protanopia

17.3430, 13.1419, -15.2098

Deuteranopia

17.8330, 9.9423, -15.6395

Tritanopia

17.0520, 4.4114, -14.9546

Trichromacy



Protanomaly

15.6520, 17.9196, -7.5878

Deuteranomaly

16.4840, 16.0304, -8.3175

Tritanomaly

15.5720, 12.5360, -7.5176

Monochromacy



Achromatopsia

13.0000, 0.0000, 0.0000

Achromatomaly

12.9430, 9.8881, 1.8040

CSS Examples

Text

The CSS property to change the color of the text to YUV 13.3190, 26.4647, 4.9822 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(19, 0, 67)` looks like.

```
.text, #text, p{  
    color:rgb(19, 0, 67)  
}
```

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(19, 0, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 0, 67) }
```

Border

The CSS property to change the border of an element to YUV 13.3190, 26.4647, 4.9822 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(19, 0, 67) }
```

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

```
.border{ border-color:rgb(19, 0, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 0, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 0, 67); -webkit-box-shadow:4px  
4px 4px 4px rgb(19, 0, 67); box-shadow:4px  
4px 4px 4px rgb(19, 0, 67) }
```


Background

The CSS property to change the background color of an element to YUV 13.3190, 26.4647, 4.9822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 0, 67) }
```

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

```
.background{ background-color: rgb(19, 0,  
67) }
```

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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