

Converting Colors

YUV(26.0900, 3.4066, -19.3729)

Have a look what the booklet for
YUV(26.0900, 3.4066, -19.3729)
contains.

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Color

**YUV(26.0900, 3.4066,
-19.3729)**

Conversions

Conversions Part 1

Format	Color
Hex	042421
RGB	4, 36, 33
RGB Percent	2%, 14%, 13%
CMY	0.9843, 0.8588, 0.8706
CMYK	0.89, 0.00, 0.08, 0.86
HSL	174°, 80%, 8%
HSV	174°, 89%, 14%
XYZ	0.9555, 1.3974, 1.6582
YIQ	26.0900, -18.1090, -7.7170

Conversions

Conversions Part 2

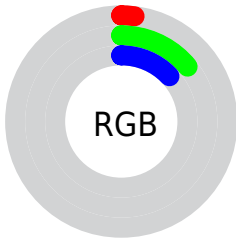
Format	Color
RYB	4, 21, 36
Decimal	271393
CIELab	11.94, -12.52, -1.40
CIELCh	12, 12.600, 186.387
Yxy	1.3974, 0.2382, 0.3484
Android (android.graphics.Color)	4278461473 (0xFF042421)
YUV	26.0900, 3.4066, -19.3729
Hunter-Lab	11.8210, -6.2592, -0.0422

Details

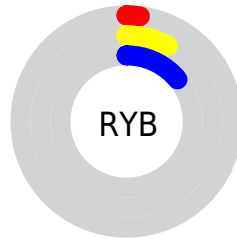
The YUV color **26.0900, 3.4066, -19.3729** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **13.9100, -3.4066, 19.3729**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **71.2750, 2.8224, -18.6582**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.8940, 3.9963, -21.8320**, and if you desaturate by 10%, it is **27.2860, 2.8170, -16.9138**.

Distribution



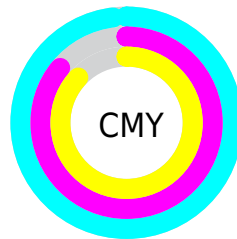
- Red (2%)
- Green (14%)
- Blue (13%)



- Red (2%)
- Yellow (8%)
- Blue (14%)



- Cyan (89%)
- Magenta (0%)
- Yellow (8%)
- Black (86%)



- Cyan (98%)
- Magenta (86%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 26.0900, 3.4066, -19.3729 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 26.0900, 3.4066, -19.3729 by changing the saturation by 10% instead.

■ 26.0900, 3.4066,
-19.3729

■ 26.0900, 3.4066,
-19.3729

■ 248.1230, 3.3904,
-14.1399

■ 8.7710, 0.6059,
-7.6922

■ 71.2750, 2.8224,
-18.6582

■ 0.0000, 0.0000,
0.0000

■ 94.9760, 2.9698,
-19.2730

■ 119.9760, 2.9698,
-19.2730

■ 145.6770, 3.1172,
-19.8877

■ 172.2640, 2.8278,
-20.4025

■ 199.9650, 2.9753,

-21.0173

■ 227.9650, 2.9753,
-21.0173

■ 26.0900, 3.4066,
-19.3729

■ 26.0900, 3.4066,
-19.3729

■ 24.8940, 3.9963,
-21.8320

■ 27.2860, 2.8170,
-16.9138

■ 28.2970, 2.8116,
-15.1695

■ 29.4930, 2.2220,
-12.7104

■ 30.3900, 1.7797,
-10.8660

■ 31.7000, 1.6269,
-8.5069

■ 32.8960, 1.0373,
-6.0478

■ 33.7930, 0.5951,
-4.2035

■ 35.1030, 0.4422,
-1.8443

■ 36.0000, 0.0000,
0.0000

Harmonies

Analogous

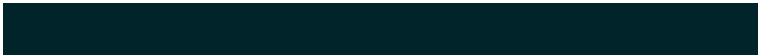
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



27.7660, -1.8566, -11.1958



26.0900, 3.4066, -19.3729



25.8060, 7.4906, -22.6319

Triad

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



26.0900, 3.4066, -19.3729



32.0310, 6.3937, 2.6038



31.0030, -7.8895, 10.5214

Complementary

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



26.0900, 3.4066, -19.3729



13.9100, -3.4066, 19.3729

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.



31.8230, -4.8427, 13.3102



26.0900, 3.4066, -19.3729



32.7500, 2.5882, 9.8663

Square

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



26.0900, 3.4066, -19.3729



30.8340, 8.4628, -7.7474



32.4470, -1.2064, 13.6400



30.3290, -9.0362, 4.9735

Rectangle

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



26.0900, 3.4066, -19.3729



26.6860, 9.5218, -20.7726



32.4470, -1.2064, 13.6400



31.2420, -7.0213, 12.0658

Sweetspot

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



26.0900, 3.4066, -19.3729



42.2980, 1.3321, -7.2773



23.6810, -9.7027, -14.6292



20.7930, 0.5951, -4.2035



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



26.0900, 3.4066, -19.3729



31.7900, 5.0335, -27.8798



18.8010, 8.4791, -12.9805



17.4020, 0.2948, -1.2296



56.5700, 8.5930, -49.6119



144.2290, 22.0721, -126.4888

Inverse Universe

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



13.9100, -3.4066, 19.3729



14.2100, -5.0335, 27.8798



21.1990, -8.4791, 12.9805



16.5980, -0.2948, 1.2296



25.4300, -8.5930, 49.6119



64.7710, -22.0721, 126.4888

Previews

White Background



This preview shows how the YUV color 26.0900, 3.4066, -19.3729 looks on a white background.

Color Contrast Check

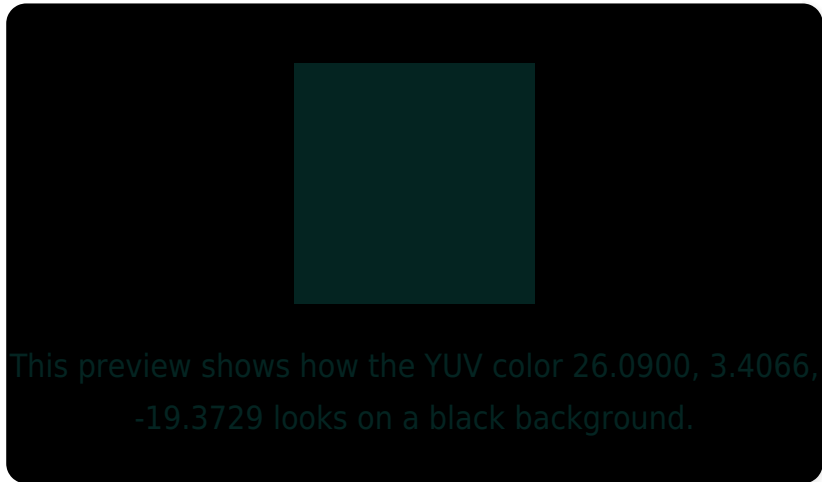
Large Text (above 18pt) WCAG AA ✓ Pass

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

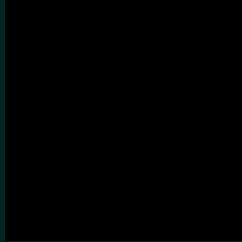
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

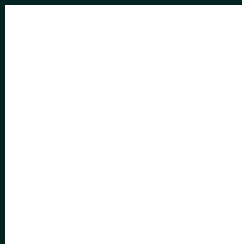
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 26.0900, 3.4066, -19.3729

Background



This preview shows how black text looks on a background with the YUV color 26.0900, 3.4066, -19.3729.



This preview shows how white text looks on a background with the YUV color 26.0900, 3.4066, -19.3729.

-19.3729.

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

26.0900, 3.4066, -19.3729

Protanopia

32.1850, -0.5842, 0.7148

Deuteranopia

32.2390, 0.8682, 1.5444



Tritanopia

27.5680, 5.1430, -16.2841

Trichromacy



Original Color

26.0900, 3.4066, -19.3729

Protanomaly

29.5970, 1.1847, -6.6626

Deuteranomaly

30.1240, 1.9109, -6.2477

Tritanomaly

26.7420, 4.5642, -17.3137

Monochromacy



Original Color

26.0900, 3.4066, -19.3729

Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

26.2980, 1.3321, -7.2773

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.0900, 3.4066, -19.3729 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(4, 36, 33)` looks like.

```
.text, #text, p{  
    color:rgb(4, 36, 33)  
}
```

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(4, 36, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 36, 33) }
```

Border

The CSS property to change the border of an element to YUV 26.0900, 3.4066, -19.3729 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(4, 36, 33) }
```


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

```
.border{ border-color:rgb(4, 36, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 36, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 36, 33); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 36, 33); box-shadow:4px  
4px 4px 4px rgb(4, 36, 33) }
```

Background

The CSS property to change the background color of an element to YUV 26.0900, 3.4066, -19.3729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 36, 33) }
```

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

```
.background{ background-color: rgb(4, 36,  
33) }
```

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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