

# Converting Colors

YIQ(26.1320, -9.9000, -18.8280)

Have a look what the booklet for  
YIQ(26.1320, -9.9000, -18.8280)  
contains.

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# Color

**YIQ(26.1320, -9.9000,  
-18.8280)**

# Conversions

## Conversions Part 1

Format	Color
Hex	052905
RGB	5, 41, 5
RGB Percent	2%, 16%, 2%
CMY	0.9805, 0.8392, 0.9804
CMYK	0.88, 0.00, 0.88, 0.84
HSL	120°, 78%, 9%
HSV	120°, 88%, 16%
XYZ	0.8831, 1.6300, 0.4116
YIQ	26.1320, -9.9000, -18.8280

# Conversions

## Conversions Part 2

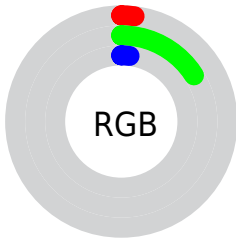
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	5, 41, 41
Decimal	338181
CIE <sub>Lab</sub>	13.41, -21.66, 17.24
CIE <sub>LCh</sub>	13, 27.682, 141.489
Yxy	1.6300, 0.3019, 0.5573
Android (android.graphics.Color)	4278528261 (0xFF052905)
YUV	26.1320, -10.4181, -18.5328
Hunter-Lab	12.7670, -9.9955, 7.0256

# Details

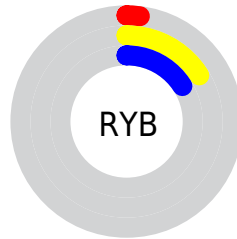
The YIQ color **26.1320, -9.9000, -18.8280** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **19.8680, 9.9000, 18.8280**, and the grayscale version is **26.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **71.7190, -10.1750, -19.3510**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.4800, -11.0000, -20.9200**, and if you desaturate by 10%, it is **27.7840, -8.8000, -16.7360**.

# Distribution



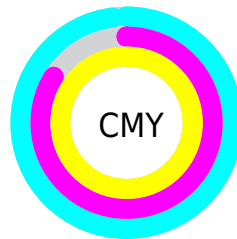
- Red (2%)
- Green (16%)
- Blue (2%)



- Red (2%)
- Yellow (16%)
- Blue (16%)



- Cyan (88%)
- Magenta (0%)
- Yellow (88%)
- Black (84%)



- Cyan (98%)
- Magenta (84%)
- Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 26.1320, -9.9000, -18.8280 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 YIQ color 26.1320, -9.9000, -18.8280 by changing the saturation by 10% instead.



■ 26.1320, -9.9000,  
-18.8280

■ 26.1320, -9.9000,  
-18.8280

■ 245.8710, -4.4910,  
-12.2270

■ 11.7400, -5.5000,  
-10.4600

■ 71.7190, -10.1750,  
-19.3510

■ 0.0000, 0.0000,  
0.0000

■ 96.1920, -10.1290,  
-20.1850


■ 121.0780, -9.8080,  
-20.4960


■ 146.6650,  
-10.0830, -21.0190


■ 174.1380,  
-10.0370, -21.8530


■ 201.7250,


-10.3120, -22.3760


 229.3120,  
-10.5870, -22.8990


 26.1320, -9.9000,  
-18.8280


 26.1320, -9.9000,  
-18.8280


 24.4800, -11.0000,  
-20.9200


 27.7840, -8.8000,  
-16.7360

 24.0670, -11.2750,  
-21.4430

 29.4360, -7.7000,  
-14.6440

 31.0880, -6.6000,  
-12.5520

 32.7400, -5.5000,  
-10.4600

 34.3920, -4.4000,  
-8.3680

■ 36.4570, -3.0250,  
-5.7530

■ 38.1090, -1.9250,  
-3.6610

■ 39.7610, -0.8250,  
-1.5690

■ 41.4130, 0.2750,  
0.5230

# Harmonies

## Analogous

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



30.9880, 8.3010, -12.7790



26.1320, -9.9000, -18.8280



28.4330, -20.8130, -13.7810

# Triad

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



26.1320, -9.9000, -18.8280



30.6280, -33.8830, 2.8290



31.6450, 29.3410, 13.4130

# Complementary

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



26.1320, -9.9000, -18.8280



19.8680, 9.9000, 18.8280

# 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.



32.6260, 22.3250, 19.4210



26.1320, -9.9000, -18.8280



33.3420, -18.1580, 9.6980

# Square

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



26.1320, -9.9000, -18.8280



31.9500, -32.0940, -2.0620



35.1880, 6.0030, 17.8670



32.0390, 30.6270, 1.1150



# Rectangle

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



26.1320, -9.9000, -18.8280



29.9150, -24.9860, -9.7380



35.1880, 6.0030, 17.8670



31.7420, 27.6900, 15.8020

# Sweetspot

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



26.1320, -9.9000, -18.8280



48.2180, -3.8500, -7.3220



36.8960, 11.5560, -11.1960



24.2830, -2.4750, -4.7070



156.0000, -0.0000, -0.0000



28.0000, -0.0000, 0.0000



# Same Dimension

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



26.1320, -9.9000, -18.8280



31.6980, -14.8500, -28.2420



28.1840, -15.6780, -13.2300



19.1740, -0.5500, -1.0460



49.3080, -23.1000, -43.9320



124.4440, -58.3000, -110.8760



# Inverse Universe

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



19.8680, 9.9000, 18.8280



22.3020, 14.8500, 28.2420



17.8160, 15.6780, 13.2300



18.8260, 0.5500, 1.0460



34.6920, 23.1000, 43.9320



87.5560, 58.3000, 110.8760



# Previews

## White Background



This preview shows how the YIQ color 26.1320, -9.9000, -18.8280 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

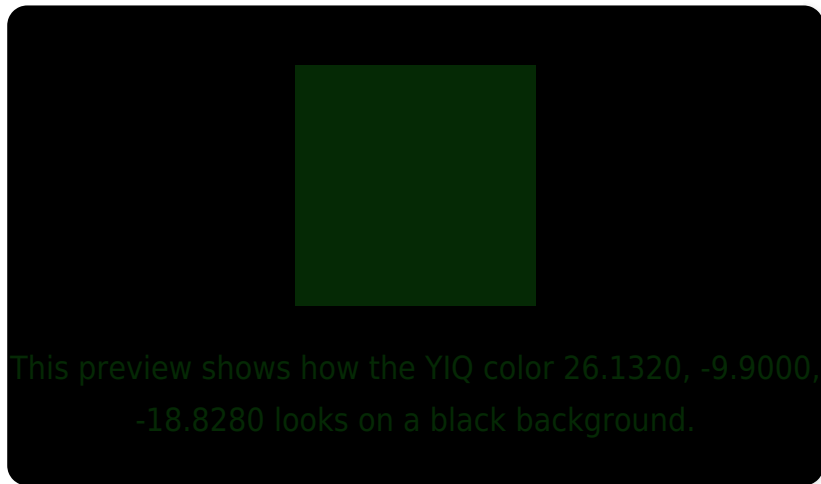
Any Text WCAG AA ✓ Pass

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

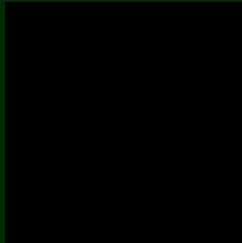
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YIQ 26.1320, -9.9000, -18.8280**

## **Background**



This preview shows how black text looks on a background with the YIQ color 26.1320, -9.9000, -18.8280.



This preview shows how white text looks on a background with the YIQ color 26.1320, -9.9000, -18.8280.

-18.8280.

# 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

26.1320, -9.9000, -18.8280

### Protanopia

32.8470, 13.2520, -8.8920

### Deuteranopia

33.6670, 13.9390, -4.8210



## Tritanopia

32.3620, -12.8830, -3.3070

# Trichromacy



## Original Color

26.1320, -9.9000, -18.8280

## Protanomaly

30.2480, 4.6330, -12.3830

## Deuteranomaly

31.0140, 5.4120, -9.9800

## Tritanomaly

29.9720, -11.9650, -8.9330

# Monochromacy



## Original Color

26.1320, -9.9000, -18.8280

## Achromatopsia

26.0000, -0.0000, -0.0000

## Achromatomaly

25.6310, -3.5750, -6.7990

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 26.1320, -9.9000, -18.8280 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(5, 41, 5)` looks like.

```
.text, #text, p{  
    color:rgb(5, 41, 5)  
}
```

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(5, 41, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 41, 5) }
```

## Border

The CSS property to change the border of an element to YIQ 26.1320, -9.9000, -18.8280 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(5, 41, 5) }
```



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

```
.border{ border-color:rgb(5, 41, 5) }
```

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

Here you see how a box with a 4 pixel rgb(5, 41, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 41, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 41, 5); box-shadow:4px  
4px 4px 4px rgb(5, 41, 5) }
```

# Background

The CSS property to change the background color of an element to YIQ 26.1320, -9.9000, -18.8280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 41, 5) }
```

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

```
.background{ background-color: rgb(5, 41,  
5) }
```

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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