

# Converting Colors

YIQ(19.6290, 9.0750, 17.2590)

Have a look what the booklet for  
YIQ(19.6290, 9.0750, 17.2590)  
contains.

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# Color

**YIQ(19.6290, 9.0750,  
17.2590)**

# Conversions

## Conversions Part 1

Format	Color
Hex	270627
RGB	39, 6, 39
RGB Percent	15%, 2%, 15%
CMY	0.8470, 0.9765, 0.8470
CMYK	0.00, 0.85, 0.00, 0.85
HSL	300°, 73%, 9%
HSV	300°, 85%, 15%
XYZ	1.2689, 0.7083, 1.9895
YIQ	19.6290, 9.0750, 17.2590

# Conversions

## Conversions Part 2

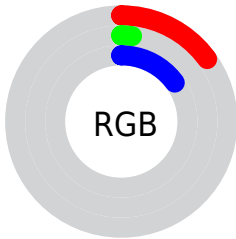
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 6, 39
Decimal	2557479
CIE Lab	6.40, 22.07, -14.06
CIE LCh	6, 26.169, 327.499
Yxy	0.7083, 0.3199, 0.1786
Android (android.graphics.Color)	4280747559 (0xFF270627)
YUV	19.6290, 9.5499, 16.9884
Hunter-Lab	8.4159, 12.1849, -8.1250

# Details

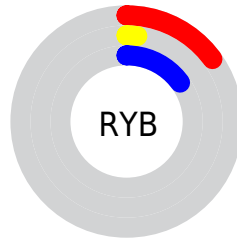
The YIQ color **19.6290, 9.0750, 17.2590** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **25.3710, -9.0750, -17.2590**, and the grayscale version is **20.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **64.3410, 9.9460, 17.9940**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **17.2810, 10.1750, 19.3510**, and if you desaturate by 10%, it is **21.9770, 7.9750, 15.1670**.

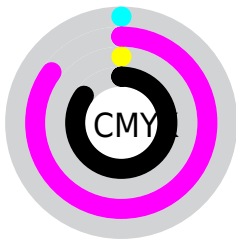
# Distribution



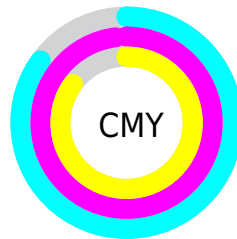
- Red (15%)
- Green (2%)
- Blue (15%)



- Red (15%)
- Yellow (2%)
- Blue (15%)



- Cyan (0%)
- Magenta (85%)
- Yellow (0%)
- Black (85%)



- Cyan (85%)
- Magenta (98%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 19.6290, 9.0750, 17.2590 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 19.6290, 9.0750, 17.2590 by changing the saturation by 10% instead.



■ 19.6290, 9.0750,  
17.2590

■ 19.6290, 9.0750,  
17.2590

■ 240.9120, 6.6000,  
12.5520

■ 4.4440, -1.0100,  
7.2940

■ 64.3410, 9.9460,  
17.9940

■ 0.0000, 0.0000,  
0.0000

■ 88.0530, 10.8170,  
18.7290


■ 112.8790, 11.3670,  
19.7750


■ 138.2920, 11.6420,  
20.2980

■ 165.0040, 12.5130,  
21.0330


■ 192.4170, 12.7880,

21.5560


 220.4170, 12.7880,  
21.5560


 19.6290, 9.0750,  
17.2590


 19.6290, 9.0750,  
17.2590


 17.2810, 10.1750,  
19.3510

 21.9770, 7.9750,  
15.1670

 16.1070, 10.7250,  
20.3970

 24.3250, 6.8750,  
13.0750

 26.6730, 5.7750,  
10.9830

 29.0210, 4.6750,  
8.8910

 31.3690, 3.5750,  
6.7990

■ 33.1300, 2.7500,  
5.2300

■ 35.4780, 1.6500,  
3.1380

■ 37.8260, 0.5500,  
1.0460

■ 40.1740, -0.5500,  
-1.0460

# Harmonies

## Analogous

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



19.6910, -11.8310, 10.6730



19.6290, 9.0750, 17.2590



17.2730, 21.8210, 17.5410

# Triad

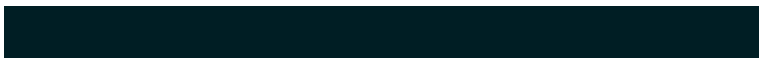
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



19.6290, 9.0750, 17.2590



19.5250, 11.4630, -4.0010



21.7140, -19.8060, -4.4940

# Complementary

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



19.6290, 9.0750, 17.2590



25.3710, -9.0750, -17.2590

# 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.



19.6620, -14.0280, -10.0920



19.6290, 9.0750, 17.2590



16.1700, -3.8950, -12.0150

# Square

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



19.6290, 9.0750, 17.2590



18.7160, 21.4110, 2.9390



17.0230, -7.9750, -15.1670



22.0220, -23.4290, 0.5950



# Rectangle

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



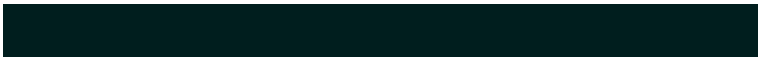
19.6290, 9.0750, 17.2590



16.1070, 27.9200, 11.6320



17.0230, -7.9750, -15.1670



21.0300, -17.8800, -6.3600

# Sweetspot

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



19.6290, 9.0750, 17.2590



43.3690, 3.5750, 6.7990



9.7620, -10.5930, 10.2630



21.1900, 2.5210, 3.8730



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.



19.6290, 9.0750, 17.2590



21.0630, 14.0250, 26.6730



17.8050, 14.2110, 12.2830



18.8260, 0.5500, 1.0460



34.6920, 23.1000, 43.9320



87.5560, 58.3000, 110.8760



# Inverse Universe

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



19.6290, 9.0750, 17.2590



21.0630, 14.0250, 26.6730



27.3090, -14.5320, -11.9720



18.8260, 0.5500, 1.0460



34.6920, 23.1000, 43.9320

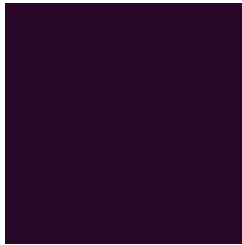


87.5560, 58.3000, 110.8760



# Previews

## White Background



This preview shows how the YIQ color 19.6290, 9.0750, 17.2590 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

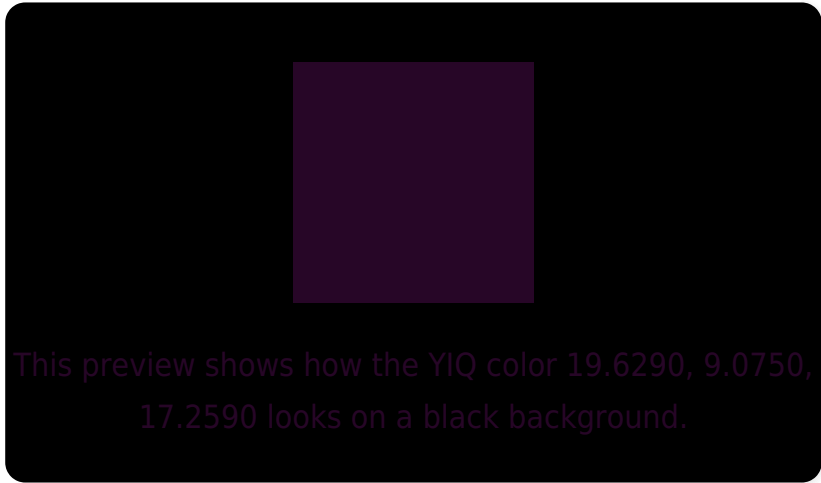
Any Text WCAG AA ✓ Pass

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 19.6290, 9.0750, 17.2590**

## **Background**



This preview shows how black text looks on a background with the YIQ color 19.6290, 9.0750, 17.2590.



This preview shows how white text looks on a background with the YIQ color 19.6290, 9.0750,



# 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

19.6290, 9.0750, 17.2590

### Protanopia

18.2720, -21.1370, 3.1110

### Deuteranopia

21.9050, -9.8580, 2.4460



## Tritanopia

22.3930, 12.1950, 4.7630

# Trichromacy



## Original Color

19.6290, 9.0750, 17.2590

## Protanomaly

18.5940, -10.1800, 8.2840

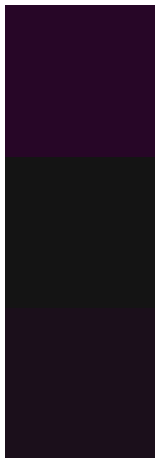
## Deuteranomaly

21.1880, -3.1650, 7.8030

## Tritanomaly

21.2560, 11.3230, 9.5550

# Monochromacy



## Original Color

19.6290, 9.0750, 17.2590

## Achromatopsia

20.0000, 0.0000, -0.0000

## Achromatomaly

19.9560, 3.3000, 6.2760

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 19.6290, 9.0750, 17.2590 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(39, 6, 39)` looks like.

```
.text, #text, p{  
    color:rgb(39, 6, 39)  
}
```

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(39, 6, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 6, 39) }
```

## Border

The CSS property to change the border of an element to YIQ 19.6290, 9.0750, 17.2590 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(39, 6, 39) }
```



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

```
.border{ border-color:rgb(39, 6, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 6, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 6, 39); -webkit-box-shadow:4px  
4px 4px 4px rgb(39, 6, 39); box-shadow:4px  
4px 4px 4px rgb(39, 6, 39) }
```

# Background

The CSS property to change the background color of an element to YIQ 19.6290, 9.0750, 17.2590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 6, 39) }
```

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

```
.background{ background-color: rgb(39, 6,  
39) }
```

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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