

# Converting Colors

YIQ(27.1130, -14.6340, 44.9660)

Have a look what the booklet for  
YIQ(27.1130, -14.6340, 44.9660)  
contains.

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# Color

**YIQ(27.1130, -14.6340,  
44.9660)**

# Conversions

## Conversions Part 1

Format	Color
Hex	290278
RGB	41, 2, 120
RGB Percent	16%, 1%, 47%
CMY	0.8390, 0.9922, 0.5296
CMYK	0.66, 0.98, 0.00, 0.53
HSL	260°, 97%, 24%
HSV	260°, 98%, 47%
XYZ	4.3255, 1.8705, 17.8902
YIQ	27.1130, -14.6340, 44.9660

# Conversions

## Conversions Part 2

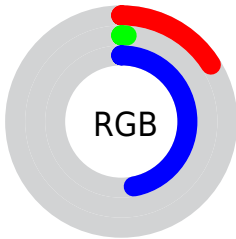
<b>Format</b>	<b>Color</b>
<b>RYB</b>	41, 2, 120
Decimal	2687608
CIELab	14.79, 45.79, -56.45
CIELCh	15, 72.686, 309.045
Yxy	1.8705, 0.1796, 0.0777
Android (android.graphics.Color)	4280877688 (0xFF290278)
YUV	27.1130, 45.7933, 12.1789
Hunter-Lab	13.6766, 32.5205, -67.9830




# Details

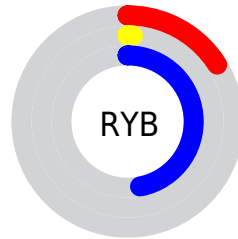
The YIQ color **27.1130, -14.6340, 44.9660** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **94.8870, 14.6340, -44.9660**, and the grayscale version is **27.0000, -0.0000, 0.0000**.




A 20% lighter version of the original color is **81.7220, -11.9750, 46.3370**, and **7.9800, -22.4700, 21.7700** is the 20% darker color. If you saturate the color by 10%, you get **25.6400, -14.6800, 45.8000**, and if you desaturate by 10%, it is **36.5490, -13.1660, 40.3860**.

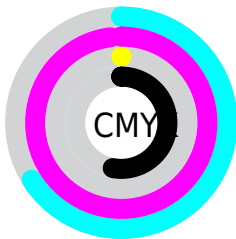
# Distribution







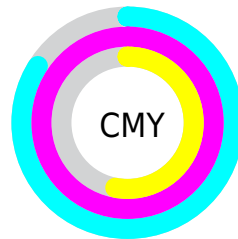
-  Red (16%)
-  Green (1%)
-  Blue (47%)






-  Red (16%)
-  Yellow (1%)
-  Blue (47%)



-  Cyan (66%)
-  Magenta (98%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (84%)
-  Magenta (99%)
-  Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 27.1130, -14.6340, 44.9660 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 27.1130, -14.6340, 44.9660 by changing the saturation by 10% instead.



■ 27.1130, -14.6340,  
44.9660

■ 27.1130, -14.6340,  
44.9660

■ 247.3690, 3.5750,  
6.7990

■ 10.7160, -30.1740,  
29.2340

■ 81.6080, -11.6540,  
46.0260

■ 7.9800, -22.4700,  
21.7700

■ 107.2600,  
-10.5540, 48.1180

■ 7.5920, -15.8660,  
12.2140

■ 134.2000,  
-10.3250, 49.4750

■ 3.4370, -8.3000,  
7.2520


■ 160.9830, -8.2160,  
49.8000


■ 0.0000, 0.0000,  
0.0000


■ 184.9160, 1.9180,  
42.3500


■ 210.3220, 12.0980,


34.0660


 230.3460, 11.5500,  
21.9660


 27.1130, -14.6340,  
44.9660


 27.1130, -14.6340,  
44.9660


 25.6400, -14.6800,  
45.8000

 36.5490, -13.1660,  
40.3860

 45.9850, -11.6980,  
35.8060

 55.4210, -10.2300,  
31.2260

 64.8570, -8.7620,  
26.6460

 74.2930, -7.2940,  
22.0660

■ 83.7290, -5.8260,  
17.4860

■ 93.1650, -4.3580,  
12.9060

■ 102.6010, -2.8900,  
8.3260

■ 112.0370, -1.4220,  
3.7460

# Harmonies

## Analogous

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



41.6570, -58.0490, 22.2950



27.1130, -14.6340, 44.9660



39.3470, 37.3130, 45.1610

# Triad

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



27.1130, -14.6340, 44.9660



32.4040, 40.0250, 7.0090



37.6260, -31.5420, -12.0700

# Complementary

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



27.1130, -14.6340, 44.9660



94.8870, 14.6340, -44.9660

# 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.



31.1110, -14.5750, -27.7190



27.1130, -14.6340, 44.9660



33.9340, 8.3930, -14.4470

# Square

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



27.1130, -14.6340, 44.9660



31.0960, 61.9840, 22.0480



28.7630, -13.4750, -25.6270



44.0270, -48.1880, 3.2680



# Rectangle

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



27.1130, -14.6340, 44.9660



39.4720, 55.6540, 37.6540



28.7630, -13.4750, -25.6270



34.9870, -25.4890, -17.1450

# Sweetspot

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



27.1130, -14.6340, 44.9660



118.8430, -6.1470, 17.7970



62.9990, -60.1530, -5.6650



56.8830, -3.6240, 10.6160



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000



# Same Dimension

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



27.1130, -14.6340, 44.9660



33.3320, -19.0840, 59.5400



44.1560, 19.3380, 57.0500



56.2820, -0.7340, 2.2900



26.5090, -15.6890, 47.5670



53.8440, -30.8280, 96.1800



# Inverse Universe

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



46.2880, 44.9690, 49.5850



58.5000, 59.5920, 65.4160



77.8440, -19.3380, -57.0500



57.2500, 2.2920, 2.5160



46.9510, 47.5360, 52.6240

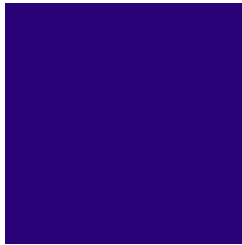


94.6140, 95.9430, 105.9830



# Previews

## White Background



This preview shows how the YIQ color 27.1130, -14.6340, 44.9660 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

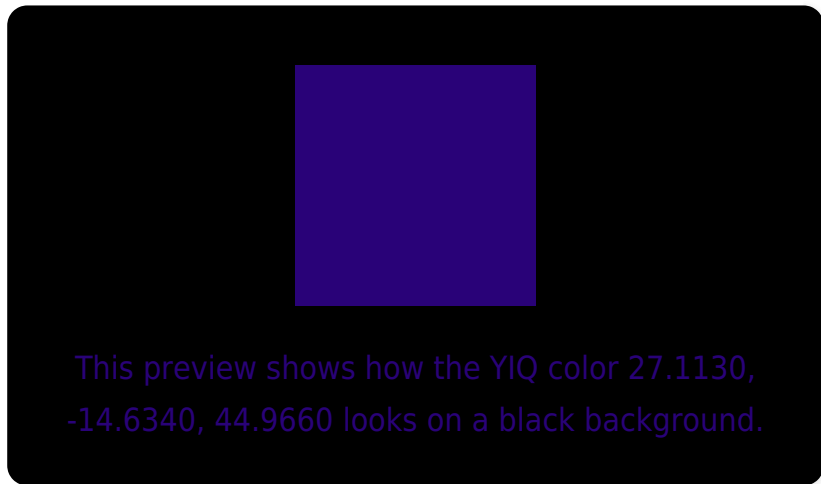
Any Text WCAG AA ✓ Pass

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 27.1130, -14.6340, 44.9660

## Background



This preview shows how black text looks on a background with the YIQ color 27.1130, -14.6340, 44.9660.



This preview shows how white text looks on a background with the YIQ color 27.1130, -14.6340,



# 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

27.1130, -14.6340, 44.9660

### Protanopia

32.3550, -37.3680, 5.4160

### Deuteranopia

32.6340, -34.0200, -0.1960



## Tritanopia

31.8870, -27.7830, -8.6070

# Trichromacy



## Original Color

27.1130, -14.6340, 44.9660

## Protanomaly

30.6910, -29.0260, 19.4380

## Deuteranomaly

30.3660, -26.7330, 16.4270

## Tritanomaly

29.9440, -22.7890, 11.0270

# Monochromacy



## Original Color

27.1130, -14.6340, 44.9660

## Achromatopsia

27.0000, -0.0000, 0.0000

## Achromatomaly

27.0880, -5.4590, 16.3410

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 27.1130, -14.6340, 44.9660 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(41, 2, 120)` looks like.

```
.text, #text, p{  
    color:rgb(41, 2, 120)  
}
```

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(41, 2, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 2, 120) }
```

## Border

The CSS property to change the border of an element to YIQ 27.1130, -14.6340, 44.9660 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(41, 2, 120) }
```



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

```
.border{ border-color:rgb(41, 2, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 2, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 2, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 2, 120);  
box-shadow:4px 4px 4px 4px rgb(41, 2, 120)  
}
```

# Background

The CSS property to change the background color of an element to YIQ 27.1130, -14.6340, 44.9660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 2, 120) }
```

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

```
.background{ background-color: rgb(41, 2,  
120) }
```

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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