

# Converting Colors

YIQ(81.3270, -25.2520,  
-60.0040)

Have a look what the booklet for  
YIQ(81.3270, -25.2520, -60.0040)  
contains.

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# Color

**YIQ(81.3270, -25.2520,  
-60.0040)**

# Conversions

## Conversions Part 1

Format	Color
Hex	147F07
RGB	20, 127, 7
RGB Percent	8%, 50%, 3%
CMY	0.9219, 0.5018, 0.9725
CMYK	0.84, 0.00, 0.94, 0.50
HSL	114°, 90%, 26%
HSV	114°, 94%, 50%
XYZ	7.9203, 15.3535, 2.7470
YIQ	81.3270, -25.2520, -60.0040

# Conversions

## Conversions Part 2

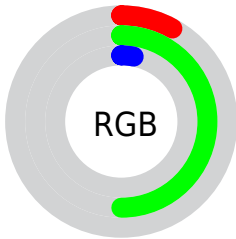
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 127, 114
Decimal	1343239
CIELab	46.11, -49.34, 48.44
CIELCh	46, 69.143, 135.532
Yxy	15.3535, 0.3044, 0.5900
Android (android.graphics.Color)	4279533319 (0xFF147F07)
YUV	81.3270, -36.6432, -53.7838
Hunter-Lab	39.1835, -32.4904, 23.2718

# Details

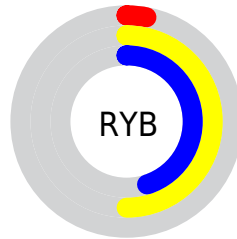
The YIQ color **81.3270, -25.2520, -60.0040** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **52.6730, 25.2520, 60.0040**, and the grayscale version is **82.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **139.8980, -19.4300, -55.3820**, and **44.6120, -20.9000, -39.7480** is the 20% darker color. If you saturate the color by 10%, you get **78.7350, -26.5810, -63.4530**, and if you desaturate by 10%, it is **86.0980, -22.8690, -53.6290**.

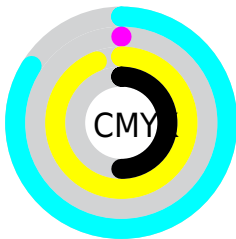
# Distribution



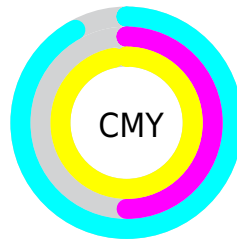
- Red (8%)
- Green (50%)
- Blue (3%)



- Red (3%)
- Yellow (50%)
- Blue (45%)



- Cyan (84%)
- Magenta (0%)
- Yellow (94%)
- Black (50%)



- Cyan (92%)
- Magenta (50%)
- Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 81.3270, -25.2520, -60.0040 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 81.3270, -25.2520, -60.0040 by changing the saturation by 10% instead.



■ 81.3270, -25.2520,  
-60.0040

■ 81.3270, -25.2520,  
-60.0040

■ 255.0000, -0.0000,  
-0.0000

■ 59.2870, -27.7750,  
-52.8230

■ 139.8980,  
-19.4300, -55.3820

■ 44.6120, -20.9000,  
-39.7480

■ 167.9690,  
-18.1920, -55.7920

■ 31.1110, -14.5750,  
-27.7190

■ 196.6270,  
-17.2290, -56.7250

■ 17.6100, -8.2500,  
-15.6900

■ 218.0560,  
-13.8830, -51.2830

■ 0.0000, 0.0000,  
0.0000

■ 229.9190, -5.5870,  
-36.4270

■ 242.0810, 3.3050,

-21.3590

■ 252.1500, 8.0250,  
-7.7750

■ 81.3270, -25.2520,  
-60.0040

■ 81.3270, -25.2520,  
-60.0040

■ 78.7350, -26.5810,  
-63.4530

■ 86.0980, -22.8690,  
-53.6290

■ 91.0540, -19.5690,  
-47.3530

■ 95.8250, -17.1860,  
-40.9780

■ 100.5960,  
-14.8030, -34.6030

■ 105.6660,  
-11.8240, -28.0160

■ 110.3230, -9.1200,  
-21.9520

■ 115.0940, -6.7370,  
-15.5770

■ 120.1640, -3.7580,  
-8.9900

■ 124.8210, -1.0540,  
-2.9260

# Harmonies

## Analogous

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



99.4870, 30.6800, -38.4080



81.3270, -25.2520, -60.0040



86.3760, -61.3380, -44.7780

# Triad

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



81.3270, -25.2520, -60.0040



98.0960, -105.3620, 4.1900



92.3840, 88.6170, 51.5050

# Complementary

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



81.3270, -25.2520, -60.0040



52.6730, 25.2520, 60.0040

# 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.



99.5170, 60.9220, 63.3380



81.3270, -25.2520, -60.0040



87.5300, -100.4120, 13.6040

# Square

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



81.3270, -25.2520, -60.0040



99.2580, -97.6110, -9.6350



111.2250, 5.7220, 50.5060



99.5870, 87.9820, 13.4380



# Rectangle

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



81.3270, -25.2520, -60.0040



92.2240, -75.0490, -33.0730



111.2250, 5.7220, 50.5060



91.6150, 83.8930, 60.0290

# Sweetspot

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



81.3270, -25.2520, -60.0040



148.0840, -9.9450, -23.5210



105.1020, 42.3700, -29.9980



73.3330, -5.9120, -14.0080



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000



# Same Dimension

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



81.3270, -25.2520, -60.0040



102.8240, -34.9220, -83.0020



82.6840, -47.7660, -48.4540



61.4080, -1.3290, -3.4490



79.3220, -26.8560, -63.9760



0.0000, 0.0000, 0.0000



# Inverse Universe

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



52.6730, 25.2520, 60.0040



63.1760, 34.9220, 83.0020



51.3160, 47.7660, 48.4540



59.5920, 1.3290, 3.4490



48.6780, 26.8560, 63.9760

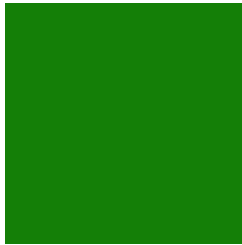


0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YIQ color 81.3270, -25.2520, -60.0040 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

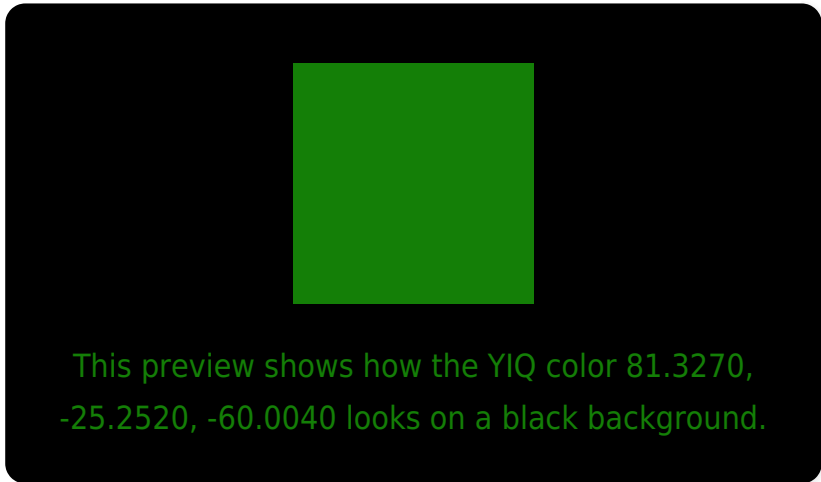
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

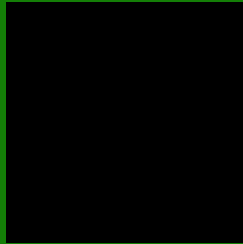
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YIQ 81.3270, -25.2520, -60.0040

## Background



This preview shows how black text looks on a background with the YIQ color 81.3270, -25.2520, -60.0040.



This preview shows how white text looks on a background with the YIQ color 81.3270, -25.2520,

-60.0040.

# 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

81.3270, -25.2520, -60.0040

### Deuteranopia

104.6160, 44.3390, -16.1170

### Tritanopia

100.6020, -40.1620, -10.0340

# Trichromacy



## Original Color

81.3270, -25.2520, -60.0040

## Deuteranomaly

96.1300, 18.8040, -32.4280

## Tritanomaly

93.4600, -34.6110, -28.0430

# Monochromacy



## Original Color

81.3270, -25.2520, -60.0040

## Achromatopsia

81.0000, -0.0000, 0.0000

## Achromatomaly

81.3230, -9.1200, -21.9520

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 81.3270, -25.2520, -60.0040 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(20, 127, 7)` looks like.

```
.text, #text, p{  
    color:rgb(20, 127, 7)  
}
```

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(20, 127, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 127, 7) }
```

## Border

The CSS property to change the border of an element to YIQ 81.3270, -25.2520, -60.0040 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(20, 127, 7) }
```

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

```
.border{ border-color:rgb(20, 127, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 127, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 127, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 127, 7);  
box-shadow:4px 4px 4px 4px rgb(20, 127, 7)  
}
```



# Background

The CSS property to change the background color of an element to YIQ 81.3270, -25.2520, -60.0040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 127, 7) }
```

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

```
.background{ background-color: rgb(20, 127,  
7) }
```

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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