

# Converting Colors

YIQ(143.2130, 11.7410,  
-20.0590)

Have a look what the booklet for  
YIQ(143.2130, 11.7410, -20.0590)  
contains.

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# Color

**YIQ(143.2130, 11.7410,  
-20.0590)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E9960
RGB	142, 153, 96
RGB Percent	56%, 60%, 38%
CMY	0.4432, 0.4000, 0.6234
CMYK	0.07, 0.00, 0.37, 0.40
HSL	72°, 23%, 49%
HSV	72°, 37%, 60%
XYZ	24.6570, 29.3783, 15.4429
YIQ	143.2130, 11.7410, -20.0590

# Conversions

## Conversions Part 2

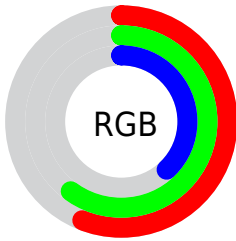
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 153, 107
Decimal	9345376
CIELab	61.11, -13.50, 28.65
CIELCh	61, 31.676, 115.228
Yxy	29.3783, 0.3549, 0.4228
Android (android.graphics.Color)	4287535456 (0xFF8E9960)
YUV	143.2130, -23.2760, -1.0638
Hunter-Lab	54.2017, -13.6514, 21.0486

# Details

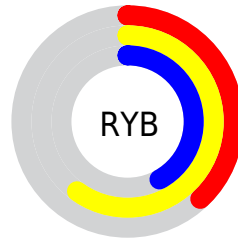
The YIQ color  $143.2130, 11.7410, -20.0590$  is a dark color, and the websafe version is hex  $999966$ . A complement of this color would be  $105.7870, -11.7410, 20.0590$ , and the grayscale version is  $143.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $196.8710, 12.7040, -20.9920$ , and  $92.5550, 10.7780, -19.1260$  is the 20% darker color. If you saturate the color by 10%, you get  $140.6060, 14.7680, -25.3600$ , and if you desaturate by 10%, it is  $145.8200, 8.7140, -14.7580$ .

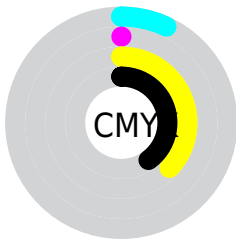
# Distribution



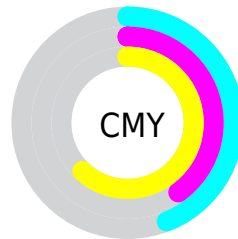
- Red (56%)
- Green (60%)
- Blue (38%)



- Red (38%)
- Yellow (60%)
- Blue (42%)



- Cyan (7%)
- Magenta (0%)
- Yellow (37%)
- Black (40%)



- Cyan (44%)
- Magenta (40%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 143.2130, 11.7410, -20.0590 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 143.2130, 11.7410, -20.0590 by changing the saturation by 10% instead.



■ 143.2130, 11.7410,  
-20.0590

■ 143.2130, 11.7410,  
-20.0590

■ 255.0000, -0.0000,  
-0.0000

■ 117.4410, 11.0990,  
-19.4370

■ 196.8710, 12.7040,  
-20.9920

■ 92.5550, 10.7780,  
-19.1260

■ 225.6430, 13.3460,  
-21.6140

■ 68.4840, 9.5400,  
-18.7160

■ 248.6590, 16.4170,  
-16.6950

■ 45.2560, 10.1820,  
-19.3380

■ 252.1500, 8.0250,  
-7.7750

■ 26.2370, 3.1660,  
-13.3300

■ 4.6960, -2.2000,  
-4.1840

■ 0.0000, 0.0000,

0.0000

■ 143.2130, 11.7410,  
-20.0590

■ 143.2130, 11.7410,  
-20.0590

■ 140.6060, 14.7680,  
-25.3600

■ 145.8200, 8.7140,  
-14.7580

■ 137.8850, 18.1160,  
-30.9720

■ 148.5410, 5.3660,  
-9.1460

■ 135.2780, 21.1430,  
-36.2730

■ 151.1480, 2.3390,  
-3.8450

■ 132.6710, 24.1700,  
-41.5740

■ 153.7550, -0.6880,  
1.4560

■ 130.0640, 27.1970,  
-46.8750

■ 156.4760, -4.0360,  
7.0680

■ 127.3430, 30.5450,  
-52.4870

■ 159.0830, -7.0630,  
12.3690

■ 126.5880, 31.2330,  
-53.9430

■ 161.6900,  
-10.0900, 17.6700

■ 164.2970,  
-13.1170, 22.9710

■ 167.0180,  
-16.4650, 28.5830

# Harmonies

## Analogous

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



145.8460, 32.1880, -10.6600



143.2130, 11.7410, -20.0590



139.0340, -15.6760, -24.2840

# Triad

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



143.2130, 11.7410, -20.0590



132.3780, -71.7060, -11.0500



150.6060, 34.2450, 23.6610

# Complementary

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



143.2130, 11.7410, -20.0590



105.7870, -11.7410, 20.0590

# 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.



151.5250, 12.6040, 24.8920



143.2130, 11.7410, -20.0590



142.5650, -46.7670, 5.0490

# Square

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



143.2130, 11.7410, -20.0590



127.6300, -72.8960, -22.5280



149.2810, -16.1880, 18.0520



149.1970, 45.3420, 15.2780



# Rectangle

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



143.2130, 11.7410, -20.0590



135.8560, -35.6660, -25.4420



149.2810, -16.1880, 18.0520



151.7240, 28.1010, 24.8770

# Sweetspot

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



143.2130, 11.7410, -20.0590



195.2960, 4.6780, -7.6900



118.9130, 31.2220, 6.8540



97.0340, 2.6600, -4.1560



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000



# Same Dimension

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



143.2130, 11.7410, -20.0590



183.6570, 18.7580, -31.5940



134.8410, -4.9470, -25.9950



75.4900, 1.3760, -2.9120



115.9670, 28.8480, -49.2640



10.6210, 2.3850, -4.6790



# Inverse Universe

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



105.7870, -11.7410, 20.0590



124.6420, -18.1620, 31.8060



114.1590, 4.9470, 25.9950



70.2110, -1.9720, 2.7000



24.0330, -28.8480, 49.2640



2.0800, -2.9810, 4.4670



# Previews

## White Background



This preview shows how the YIQ color 143.2130, 11.7410, -20.0590 looks on a white 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



# Black Background



This preview shows how the YIQ color 143.2130, 11.7410, -20.0590 looks on a black 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

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

# YIQ 143.2130, 11.7410, -20.0590

## Background



This preview shows how black text looks on a background with the YIQ color 143.2130, 11.7410, -20.0590.



This preview shows how white text looks on a background with the YIQ color 143.2130, 11.7410,

-20.0590.

# 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

143.2130, 11.7410, -20.0590

### Protanopia

144.8450, 24.7610, -13.7270

### Deuteranopia

146.9760, 34.9380, -5.4300



## Tritanopia

148.4500, -1.1470, 4.2690

# Trichromacy



## Original Color

143.2130, 11.7410, -20.0590

## Protanomaly

144.0400, 19.7180, -15.9460

## Deuteranomaly

145.3230, 26.4110, -10.5890

## Tritanomaly

146.8060, 3.3020, -4.7780

# Monochromacy



## Original Color

143.2130, 11.7410, -20.0590

## Achromatopsia

143.0000, -0.0000, 0.0000

## Achromatomaly

143.4100, 4.3570, -7.3790

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 143.2130, 11.7410, -20.0590 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(142, 153, 96)` looks like.

```
.text, #text, p{  
    color:rgb(142, 153, 96)  
}
```

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(142, 153, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 153, 96) }
```

## Border

The CSS property to change the border of an element to YIQ 143.2130, 11.7410, -20.0590 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(142, 153, 96) }
```



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

```
.border{ border-color:rgb(142, 153, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 153, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 153, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 153, 96);  
box-shadow:4px 4px 4px 4px rgb(142, 153,  
96) }
```

# Background

The CSS property to change the background color of an element to YIQ 143.2130, 11.7410, -20.0590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 153, 96) }
```

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

```
.background{ background-color: rgb(142,  
153, 96) }
```

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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