

# Converting Colors

YIQ(44.1130, 1.4200, 7.3080)

Have a look what the booklet for  
YIQ(44.1130, 1.4200, 7.3080)  
contains.

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# Color

**YIQ(44.1130, 1.4200, 7.3080)**

# Conversions

## Conversions Part 1

Format	Color
Hex	322737
RGB	50, 39, 55
RGB Percent	20%, 15%, 22%
CMY	0.8039, 0.8471, 0.7843
CMYK	0.09, 0.29, 0.00, 0.78
HSL	281°, 17%, 18%
HSV	281°, 29%, 22%
XYZ	2.7308, 2.4049, 3.9345
YIQ	44.1130, 1.4200, 7.3080

# Conversions

## Conversions Part 2

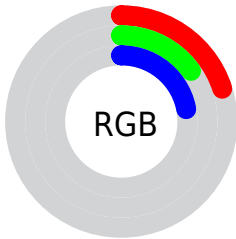
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	50, 39, 55
Decimal	3286839
CIE Lab	17.48, 8.82, -8.39
CIE LCh	17, 12.171, 316.412
Yxy	2.4049, 0.3011, 0.2651
Android (android.graphics.Color)	4281476919 (0xFF322737)
YUV	44.1130, 5.3673, 5.1629
Hunter-Lab	15.5077, 4.2936, -4.1871




# Details

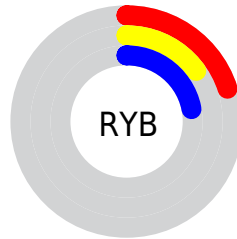
The YIQ color **44.1130, 1.4200, 7.3080** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **49.8870, -1.4200, -7.3080**, and the grayscale version is **44.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **89.6400, 1.3740, 8.1420**, and **1.1400, -3.2100, 3.1100** is the 20% darker color. If you saturate the color by 10%, you get **39.9930, 1.8780, 10.0220**, and if you desaturate by 10%, it is **47.6460, 1.2370, 5.1170**.

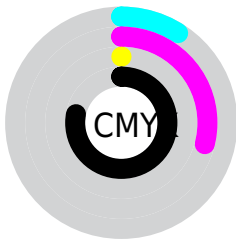
# Distribution







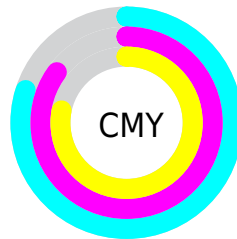
-  Red (20%)
-  Green (15%)
-  Blue (22%)






-  Red (20%)
-  Yellow (15%)
-  Blue (22%)



-  Cyan (9%)
-  Magenta (29%)
-  Yellow (0%)
-  Black (78%)



-  Cyan (80%)
-  Magenta (85%)
-  Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 44.1130, 1.4200, 7.3080 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 44.1130, 1.4200, 7.3080 by changing the saturation by 10% instead.



■ 44.1130, 1.4200,  
7.3080

■ 44.1130, 1.4200,  
7.3080

■ 255.0000, -0.0000,  
-0.0000

■ 23.7000, 1.1450,  
6.7850

■ 89.6400, 1.3740,  
8.1420

■ 1.1400, -3.2100,  
3.1100

■ 114.0530, 1.6490,  
8.6650

■ 0.0000, 0.0000,  
0.0000

■ 140.0530, 1.6490,  
8.6650

■ 166.4660, 1.9240,  
9.1880

■ 193.4660, 1.9240,  
9.1880

■ 220.8790, 2.1990,

9.7110

247.9560, 3.3000,  
6.2760

44.1130, 1.4200,  
7.3080

44.1130, 1.4200,  
7.3080

39.9930, 1.8780,  
10.0220

47.6460, 1.2370,  
5.1170

36.7590, 2.6570,  
12.4250

51.4670, 0.1830,  
2.1910

32.6390, 3.1150,  
15.1390

55.0000, 0.0000,  
0.0000

29.1060, 3.2980,  
17.3300

59.1200, -0.4580,  
-2.7140

24.9860, 3.7560,  
20.0440

62.6530, -0.6410,  
-4.9050

■ 21.7520, 4.5350,  
22.4470

■ 66.4740, -1.6950,  
-7.8310

■ 17.6320, 4.9930,  
25.1610

■ 70.0070, -1.8780,  
-10.0220

■ 74.1270, -2.3360,  
-12.7360

■ 77.3610, -3.1150,  
-15.1390

# Harmonies

## Analogous

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



43.1550, -7.5660, 4.9620



44.1130, 1.4200, 7.3080



44.4190, 9.3060, 7.5620

# Triad

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



44.1130, 1.4200, 7.3080



42.8780, 11.9670, -2.1210



38.4320, -19.0720, -6.7840

# Complementary

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



44.1130, 1.4200, 7.3080



49.8870, -1.4200, -7.3080

# 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.



39.2110, -11.1400, -7.3640



44.1130, 1.4200, 7.3080



41.9480, 5.7780, -5.5980

# Square

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



44.1130, 1.4200, 7.3080



43.1820, 14.1670, 2.0630



40.7020, -2.3370, -7.2090



38.3440, -21.6400, -4.2960



# Rectangle

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



44.1130, 1.4200, 7.3080



43.7460, 12.6990, 6.6430



40.7020, -2.3370, -7.2090



38.6880, -16.9170, -7.2930

# Sweetspot

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



44.1130, 1.4200, 7.3080



66.8800, 0.4580, 2.7140



43.7590, -6.5110, 2.3610



33.0540, -0.0920, 1.6680



163.0000, -0.0000, -0.0000



36.0000, -0.0000, 0.0000



# Same Dimension

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



44.1130, 1.4200, 7.3080



54.2320, 2.7030, 11.5910



45.2660, 5.3630, 7.4350



25.9400, 0.2290, 1.3570



29.3250, 8.0160, 41.9680



70.1150, 19.6970, 100.1210



# Inverse Universe

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



44.3540, 7.9310, 4.9470



54.3870, 12.3320, 7.7880



48.7340, -5.3630, -7.4350



26.0110, 1.4670, 0.9470



30.8140, 45.5230, 28.5230



73.2330, 108.6960, 67.5760



# Previews

## White Background



This preview shows how the YIQ color 44.1130, 1.4200, 7.3080 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

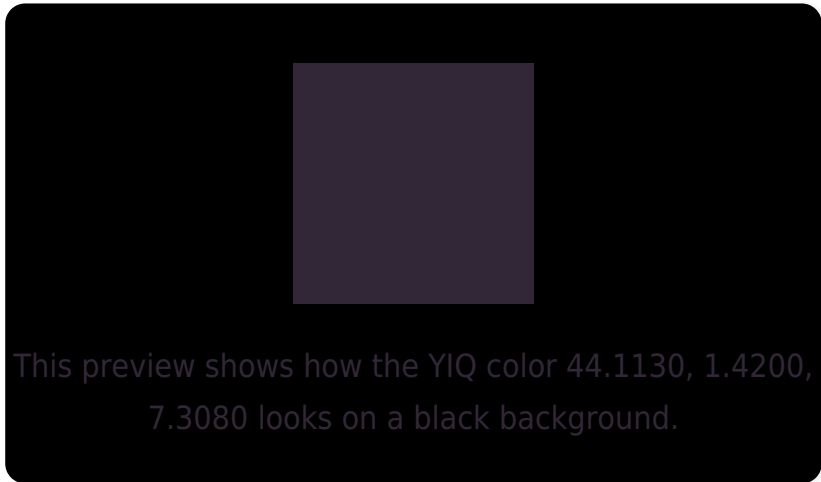
Any Text WCAG AA ✓ Pass

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 44.1130, 1.4200, 7.3080**

## **Background**



This preview shows how black text looks on a background with the YIQ color 44.1130, 1.4200, 7.3080.



This preview shows how white text looks on a background with the YIQ color 44.1130, 1.4200, 7.3080.

# 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

44.1130, 1.4200, 7.3080

### Protanopia

43.5140, -7.1990, 3.8170

### Deuteranopia

43.0690, -4.4480, 3.5200



## Tritanopia

43.4350, 3.2090, 2.4170

# Trichromacy



## Original Color

44.1130, 1.4200, 7.3080

## Protanomaly

44.0090, -4.2190, 4.8770

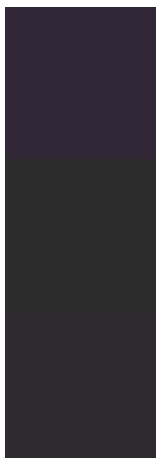
## Deuteranomaly

43.3790, -2.3850, 4.6790

## Tritanomaly

43.6030, 2.7960, 4.3960

# Monochromacy



## Original Color

44.1130, 1.4200, 7.3080

## Achromatopsia

44.0000, -0.0000, -0.0000

## Achromatomaly

43.8800, 0.4580, 2.7140

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 44.1130, 1.4200, 7.3080 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(50, 39, 55)` looks like.

```
.text, #text, p{  
    color:rgb(50, 39, 55)  
}
```

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(50, 39, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 39, 55) }
```

## Border

The CSS property to change the border of an element to YIQ 44.1130, 1.4200, 7.3080 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(50, 39, 55) }
```

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

```
.border{ border-color:rgb(50, 39, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 39, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 39, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 39, 55);  
box-shadow:4px 4px 4px 4px rgb(50, 39, 55)  
}
```



# Background

The CSS property to change the background color of an element to YIQ 44.1130, 1.4200, 7.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 39, 55) }
```

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

```
.background{ background-color: rgb(50, 39,  
55) }
```

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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