

# Converting Colors

YIQ(133.1500, 80.2280, 43.8440)

Have a look what the booklet for  
YIQ(133.1500, 80.2280, 43.8440)  
contains.

<b>YIQ(133.1500, 80.2280, 43.8440)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(133.1500, 80.2280,  
43.8440)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ED5377
RGB	237, 83, 119
RGB Percent	93%, 33%, 47%
CMY	0.0702, 0.6747, 0.5330
CMYK	0.00, 0.65, 0.50, 0.07
HSL	346°, 81%, 63%
HSV	346°, 65%, 93%
XYZ	41.3807, 25.5319, 20.2232
YIQ	133.1500, 80.2280, 43.8440

# Conversions

## Conversions Part 2

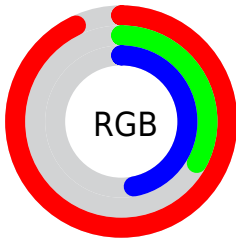
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	237, 83, 119
Decimal	15553399
CIE <sub>Lab</sub>	57.59, 61.76, 12.77
CIE <sub>LCh</sub>	58, 63.065, 11.681
Yxy	25.5319, 0.4749, 0.2930
Android (android.graphics.Color)	4293743479 (0xFFED5377)
YUV	133.1500, -6.9760, 91.0764
Hunter-Lab	50.5291, 57.7562, 11.6408

# Details

The YIQ color **133.1500, 80.2280, 43.8440** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **186.8500, -80.2280, -43.8440**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.9190, 58.5890, 34.0210**, and **66.5880, 79.3550, 54.1630** is the 20% darker color. If you saturate the color by 10%, you get **117.0100, 92.6060, 50.7980**, and if you desaturate by 10%, it is **149.2900, 67.8500, 36.8900**.

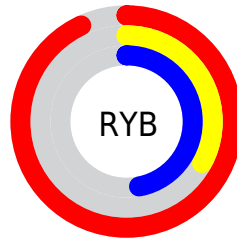
# Distribution



Red (93%)

Green (33%)

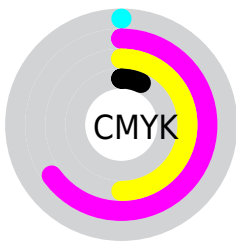
Blue (47%)



Red (93%)

Yellow (33%)

Blue (47%)

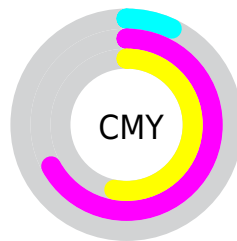


Cyan (0%)

Magenta (65%)

Yellow (50%)

Black (7%)



Cyan (7%)

Magenta (67%)


Yellow (53%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 133.1500, 80.2280, 43.8440 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 133.1500, 80.2280, 43.8440 by changing the saturation by 10% instead.





 133.1500, 80.2280,  
43.8440


 133.1500, 80.2280,  
43.8440


255.0000, -0.0000,  
-0.0000


 103.5350, 77.7060,  
45.4980


 177.9190, 58.5890,  
34.0210


 66.5880, 79.3550,  
54.1630


 198.0200, 41.9470,  
27.2510

 49.2400, 71.2870,  
46.1910

 217.6480, 25.2590,  
21.3150

 37.9900, 59.8270,  
33.6110

 238.5640, 7.7000,  
14.6440

 26.1270, 51.5310,  
18.7550

 17.5700, 33.9260,  
12.9180

 5.6810, 11.3240,

4.0280

■ 0.0000, 0.0000,  
0.0000

■ 133.1500, 80.2280,  
43.8440

■ 133.1500, 80.2280,  
43.8440

■ 117.0100, 92.6060,  
50.7980

■ 149.2900, 67.8500,  
36.8900

■ 101.4570,  
104.7090, 57.2290

■ 164.8430, 55.7470,  
30.4590

■ 85.3170, 117.0870,  
64.1830

■ 181.0970, 43.0480,  
23.8160

■ 77.2470, 123.2760,  
67.6600

■ 197.2370, 30.6700,  
16.8620

■ 212.7900, 18.5670,  
10.4310

■ 228.9300, 6.1890,  
3.4770

■ 245.0700, -6.1890,  
-3.4770

■ 249.6180,  
-10.7280, -3.8160

# Harmonies

## Analogous

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



138.4460, 50.5160, 53.6840



133.1500, 80.2280, 43.8440



133.9120, 85.6890, 16.4490

# Triad

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



133.1500, 80.2280, 43.8440



121.2740, -8.5650, -48.5410



118.1000, -120.3530, -4.9690

# Complementary

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



133.1500, 80.2280, 43.8440



186.8500, -80.2280, -43.8440

# 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.



119.1480, -112.2810, -19.1050



133.1500, 80.2280, 43.8440



106.7220, -77.2920, -53.0040

# Square

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



133.1500, 80.2280, 43.8440



127.2960, 47.0950, -44.0490



114.3940, -96.1390, -36.3230



125.3100, -85.0530, 16.0910



# Rectangle

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



133.1500, 80.2280, 43.8440



132.9040, 78.9990, -5.4890



114.3940, -96.1390, -36.3230



118.9490, -118.6100, -9.0260

# Sweetspot

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



133.1500, 80.2280, 43.8440



220.6170, 26.5440, 14.5440



135.2400, 19.7020, 72.4860



107.0670, 16.2290, 8.7490



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000



# Same Dimension

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



133.1500, 80.2280, 43.8440



120.8590, 103.5170, 56.8050



151.3520, 81.3340, 12.7740



109.5170, 5.9140, 2.9540



58.9070, 94.3940, 51.4340



17.6280, 28.0110, 15.4910



# Inverse Universe

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



133.1500, 80.2280, 43.8440



120.8590, 103.5170, 56.8050



168.6480, -81.3340, -12.7740



109.5170, 5.9140, 2.9540



58.9070, 94.3940, 51.4340



17.6280, 28.0110, 15.4910



# Previews

## White Background



This preview shows how the YIQ color 133.1500, 80.2280, 43.8440 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

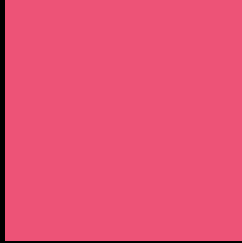
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 133.1500, 80.2280, 43.8440 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 133.1500, 80.2280, 43.8440

## Background



This preview shows how black text looks on a background with the YIQ color 133.1500, 80.2280, 43.8440.



This preview shows how white text looks on a background with the YIQ color 133.1500, 80.2280,

43.8440.

# 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

133.1500, 80.2280, 43.8440

### Protanopia

139.1400, -3.2100, 3.1100

### Deuteranopia

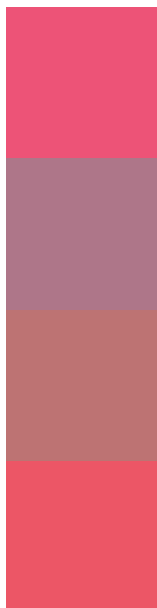
138.9780, 23.4290, -0.5950



## Tritanopia

132.8220, 86.6030, 32.9310

# Trichromacy



## Original Color

133.1500, 80.2280, 43.8440

## Protanomaly

136.9100, 27.2770, 17.7810

## Deuteranomaly

137.1260, 44.1040, 15.6880

## Tritanomaly

132.6740, 84.2640, 36.7760

# Monochromacy



## Original Color

133.1500, 80.2280, 43.8440

## Achromatopsia

133.0000, 0.0000, 0.0000

## Achromatomaly

133.2260, 29.2030, 15.9150

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 133.1500, 80.2280, 43.8440 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(237, 83, 119)` looks like.

```
.text, #text, p{  
    color:rgb(237, 83, 119)  
}
```

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(237, 83, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 83, 119) }
```

## Border

The CSS property to change the border of an element to YIQ 133.1500, 80.2280, 43.8440 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(237, 83, 119) }
```



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

```
.border{ border-color:rgb(237, 83, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 83, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 83, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 83, 119);  
box-shadow:4px 4px 4px 4px rgb(237, 83,  
119) }
```

# Background

The CSS property to change the background color of an element to YIQ 133.1500, 80.2280, 43.8440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 83, 119) }
```

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

```
.background{ background-color: rgb(237, 83,  
119) }
```

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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