

# Converting Colors

YIQ(135.4260, 34.9320, 27.7320)

Have a look what the booklet for  
YIQ(135.4260, 34.9320, 27.7320)  
contains.

<b>YIQ(135.4260, 34.9320, 27.7320)</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(135.4260, 34.9320,  
27.7320)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BA6C90
RGB	186, 108, 144
RGB Percent	73%, 42%, 56%
CMY	0.2704, 0.5766, 0.4352
CMYK	0.00, 0.42, 0.23, 0.27
HSL	332°, 36%, 58%
HSV	332°, 42%, 73%
XYZ	30.6579, 23.1785, 29.2549
YIQ	135.4260, 34.9320, 27.7320

# Conversions

## Conversions Part 2

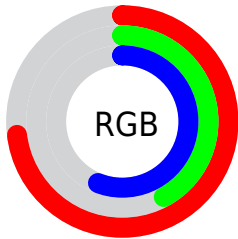
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	186, 108, 144
Decimal	12217488
CIE Lab	55.26, 35.77, -6.20
CIE LCh	55, 36.300, 350.164
Yxy	23.1785, 0.3690, 0.2790
Android (android.graphics.Color)	4290407568 (0xFFBA6C90)
YUV	135.4260, 4.2270, 44.3534
Hunter-Lab	48.1440, 29.4160, -2.3270

# Details

The YIQ color **135.4260, 34.9320, 27.7320** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **158.5740, -34.9320, -27.7320**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **190.0350, 37.5910, 29.1030**, and **83.9310, 31.9520, 26.6720** is the 20% darker color. If you saturate the color by 10%, you get **123.1330, 43.3670, 34.5590**, and if you desaturate by 10%, it is **147.7190, 26.4970, 20.9050**.

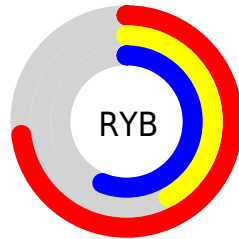
# Distribution



Red (73%)

Green (42%)

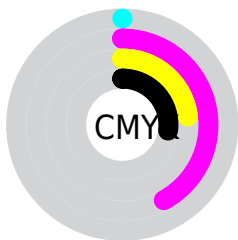
Blue (56%)



Red (73%)

Yellow (42%)

Blue (56%)

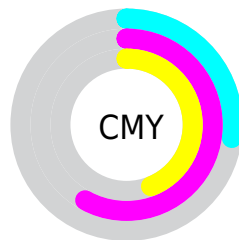


Cyan (0%)

Magenta (42%)

Yellow (23%)

Black (27%)



Cyan (27%)

Magenta (58%)


Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 135.4260, 34.9320, 27.7320 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 135.4260, 34.9320, 27.7320 by changing the saturation by 10% instead.





 135.4260, 34.9320,  
27.7320


 135.4260, 34.9320,  
27.7320


255.0000, -0.0000,  
-0.0000


 109.4150, 33.4650,  
26.7850


 190.0350, 37.5910,  
29.1030


 83.9310, 31.9520,  
26.6720


 212.3650, 27.7340,  
26.0220


 58.4470, 30.4390,  
26.5590

 232.5800, 10.7710,  
19.5630

 32.0280, 30.3010,  
29.0610

 249.1300, 2.7500,  
5.2300

 19.2240, 23.5170,  
19.8450

 8.7850, 16.9630,  
6.4590

 0.0000, 0.0000,

0.0000

■ 135.4260, 34.9320,  
27.7320

■ 135.4260, 34.9320,  
27.7320

■ 123.1330, 43.3670,  
34.5590

■ 147.7190, 26.4970,  
20.9050

■ 111.4270, 51.5270,  
40.8630

■ 159.4250, 18.3370,  
14.6010

■ 99.1340, 59.9620,  
47.6900

■ 171.7180, 9.9020,  
7.7740

■ 87.4280, 68.1220,  
53.9940

■ 183.4240, 1.7420,  
1.4700

■ 75.1350, 76.5570,  
60.8210

■ 195.7170, -6.6930,  
-5.3570

■ 65.4180, 83.2500,  
66.1780

■ 208.0100,  
-15.1280, -12.1840

■ 219.7160,  
-23.2880, -18.4880

■ 230.8350,  
-31.1730, -24.2690

■ 231.9750,  
-34.3830, -21.1590

# Harmonies

## Analogous

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



135.9530, 8.5230, 27.2670



135.4260, 34.9320, 27.7320



133.8710, 49.3760, 19.2640

# Triad

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



135.4260, 34.9320, 27.7320



127.7960, 17.2890, -21.4870



106.2220, -97.9300, -20.3780

# Complementary

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



135.4260, 34.9320, 27.7320



158.5740, -34.9320, -27.7320

# 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.



104.9050, -90.0880, -30.3440



135.4260, 34.9320, 27.7320



123.3070, -12.1910, -26.8710

# Square

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



135.4260, 34.9320, 27.7320



130.6680, 38.5610, -10.5190



114.7230, -51.5290, -29.8090



121.3500, -65.3350, 0.1450



# Rectangle

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



135.4260, 34.9320, 27.7320



133.1450, 51.1200, 9.6800



114.7230, -51.5290, -29.8090



105.8970, -95.6370, -23.3890

# Sweetspot

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



135.4260, 34.9320, 27.7320



221.8650, 13.9820, 10.9260



129.4500, -0.0060, 33.1620



109.7070, 8.4350, 6.8270



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000



# Same Dimension

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



135.4260, 34.9320, 27.7320



163.5630, 54.1400, 43.0680



133.0830, 45.6630, 14.9670



86.1470, 4.0800, 3.1520



54.8520, 69.8640, 55.4640



9.8540, 12.5150, 9.9790



# Inverse Universe

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



135.4260, 34.9320, 27.7320



163.5630, 54.1400, 43.0680



160.9170, -45.6630, -14.9670



86.1470, 4.0800, 3.1520



54.8520, 69.8640, 55.4640

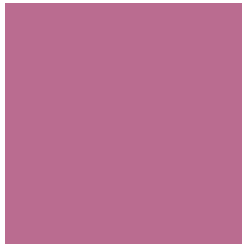


9.8540, 12.5150, 9.9790



# Previews

## White Background



This preview shows how the YIQ color 135.4260, 34.9320, 27.7320 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 135.4260, 34.9320, 27.7320 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

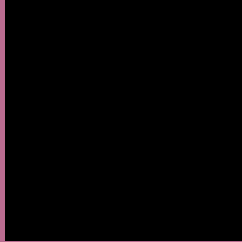
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 135.4260, 34.9320, 27.7320

## Background



This preview shows how black text looks on a background with the YIQ color 135.4260, 34.9320, 27.7320.



This preview shows how white text looks on a background with the YIQ color 135.4260, 34.9320,



# 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

135.4260, 34.9320, 27.7320

### Protanopia

133.5830, -11.6470, 7.3370

### Deuteranopia

134.1410, 4.2170, 6.1770



## Tritanopia

134.5540, 40.0230, 18.0630

# Trichromacy



## Original Color

135.4260, 34.9320, 27.7320

## Protanomaly

134.0090, 4.9490, 14.9410

## Deuteranomaly

134.3430, 15.6320, 14.0640

## Tritanomaly

135.1780, 38.3260, 21.2860

# Monochromacy



## Original Color

135.4260, 34.9320, 27.7320

## Achromatopsia

135.0000, -0.0000, -0.0000

## Achromatomaly

135.1530, 13.1110, 10.1910

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 135.4260, 34.9320, 27.7320 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(186, 108, 144)` looks like.

```
.text, #text, p{  
    color:rgb(186, 108, 144)  
}
```

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(186, 108, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 108, 144) }
```

## Border

The CSS property to change the border of an element to YIQ 135.4260, 34.9320, 27.7320 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".

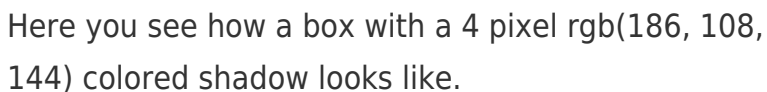
```
.border, #border, table{ border:4px solid rgb(186, 108, 144) }
```



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

```
.border{ border-color:rgb(186, 108, 144) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 108, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 108, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 108, 144); box-shadow:4px 4px 4px 4px rgb(186, 108, 144) }
```

# Background

The CSS property to change the background color of an element to YIQ 135.4260, 34.9320, 27.7320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 108, 144) }
```

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

```
.background{ background-color: rgb(186,  
108, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor