

# Converting Colors

YIQ(136.4610, 54.1870, 36.7070)

Have a look what the booklet for  
YIQ(136.4610, 54.1870, 36.7070)  
contains.

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# Color

**YIQ(136.4610, 54.1870,  
36.7070)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D3628B
RGB	211, 98, 139
RGB Percent	83%, 38%, 55%
CMY	0.1723, 0.6158, 0.4547
CMYK	0.00, 0.54, 0.34, 0.17
HSL	338°, 56%, 61%
HSV	338°, 54%, 83%
XYZ	35.9124, 24.4519, 27.2709
YIQ	136.4610, 54.1870, 36.7070

# Conversions

## Conversions Part 2

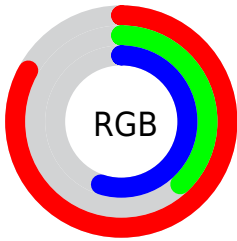
Format	Color
R <sub>Y</sub> B	211, 98, 139
Decimal	13853323
CIE Lab	56.54, 48.81, -1.00
CIE LCh	57, 48.819, 358.821
Yxy	24.4519, 0.4098, 0.2790
Android (android.graphics.Color)	4292043403 (0xFFD3628B)
YUV	136.4610, 1.2517, 65.3707
Hunter-Lab	49.4489, 43.1004, 1.9160

# Details

The YIQ color **136.4610, 54.1870, 36.7070** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **172.5390, -54.1870, -36.7070**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **187.3570, 48.5480, 34.2760**, and **81.7210, 50.5190, 37.1030** is the 20% darker color. If you saturate the color by 10%, you get **122.6520, 64.1350, 43.6470**, and if you desaturate by 10%, it is **150.2700, 44.2390, 29.7670**.

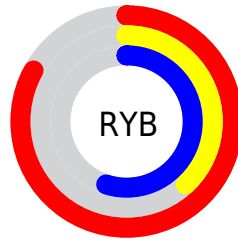
# Distribution



Red (83%)

Green (38%)

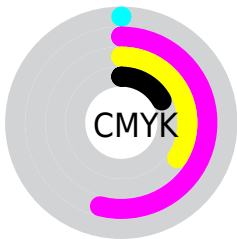
Blue (55%)



Red (83%)

Yellow (38%)

Blue (55%)

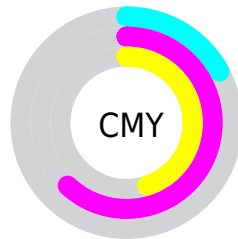


Cyan (0%)

Magenta (54%)

Yellow (34%)

Black (17%)



Cyan (17%)

Magenta (62%)


Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 136.4610, 54.1870, 36.7070 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 136.4610, 54.1870, 36.7070 by changing the saturation by 10% instead.





 136.4610, 54.1870,  
36.7070


 136.4610, 54.1870,  
36.7070


255.0000, -0.0000,  
-0.0000


 109.0910, 52.3530,  
36.9050


 187.3570, 48.5480,  
34.2760


 81.7210, 50.5190,  
37.1030


 206.9850, 31.8600,  
28.3400


 50.1820, 50.8390,  
42.3190

 226.7270, 14.8510,  
22.7150

 34.0190, 43.6880,  
34.2480

 244.4340, 4.9500,  
9.4140

 23.6660, 34.0160,  
22.3040

 13.9820, 26.7740,  
10.3740

 0.0000, 0.0000,

0.0000

■ 136.4610, 54.1870,  
36.7070

■ 136.4610, 54.1870,  
36.7070

■ 122.6520, 64.1350,  
43.6470

■ 150.2700, 44.2390,  
29.7670

■ 108.7290, 74.4040,  
50.2760

■ 164.1930, 33.9700,  
23.1380

■ 94.9200, 84.3520,  
57.2160

■ 178.0020, 24.0220,  
16.1980

■ 80.9970, 94.6210,  
63.8450

■ 191.9250, 13.7530,  
9.5690

■ 71.8670, 101.0390,  
68.6790

■ 205.7340, 3.8050,  
2.6290

■ 220.2440, -6.7390,  
-4.5230

■ 234.0530,  
-16.6870, -11.4630

■ 240.9320,  
-23.6560, -11.8160

■ 241.8440,  
-26.2240, -9.3280

# Harmonies

## Analogous

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



139.5300, 23.3760, 38.9280



136.4610, 54.1870, 36.7070



134.3200, 67.1650, 21.7650

# Triad

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



136.4610, 54.1870, 36.7070



126.8950, 12.1560, -33.0920



112.3490, -108.2930, -14.2850

# Complementary

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



136.4610, 54.1870, 36.7070



172.5390, -54.1870, -36.7070

# 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.



111.5220, -99.0750, -27.1630



136.4610, 54.1870, 36.7070



118.3100, -34.6090, -39.0970

# Square

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



136.4610, 54.1870, 36.7070



131.4540, 44.6150, -21.1210



106.6200, -85.2720, -40.5360



116.8170, -91.5150, 1.0370



# Rectangle

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



136.4610, 54.1870, 36.7070



134.4640, 66.1590, 6.9510



106.6200, -85.2720, -40.5360



112.4970, -105.9540, -18.1300

# Sweetspot

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



136.4610, 54.1870, 36.7070



227.9690, 19.6210, 13.3570



132.4100, 6.6390, 50.4070



111.5010, 12.0110, 8.0990



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.



136.4610, 54.1870, 36.7070



147.4630, 78.2090, 52.9050



140.5920, 63.2230, 16.1110



97.7450, 5.2720, 3.5760



57.1860, 80.5470, 54.5870



13.9690, 19.6210, 13.3570



# Inverse Universe

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



136.4610, 54.1870, 36.7070



147.4630, 78.2090, 52.9050



168.4080, -63.2230, -16.1110



97.7450, 5.2720, 3.5760



57.1860, 80.5470, 54.5870



13.9690, 19.6210, 13.3570



# Previews

## White Background



This preview shows how the YIQ color 136.4610, 54.1870, 36.7070 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

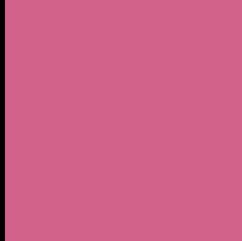
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 136.4610, 54.1870, 36.7070 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

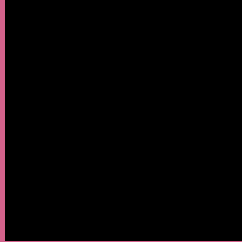
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 136.4610, 54.1870, 36.7070

## Background



This preview shows how black text looks on a background with the YIQ color 136.4610, 54.1870, 36.7070.



This preview shows how white text looks on a background with the YIQ color 136.4610, 54.1870,



# 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

136.4610, 54.1870, 36.7070

### Protanopia

136.8820, -11.0510, 7.5490

### Deuteranopia

137.6100, 10.0860, 4.4380



## Tritanopia

135.6060, 60.6080, 24.9600

# Trichromacy



## Original Color

136.4610, 54.1870, 36.7070

## Protanomaly

137.0100, 12.3760, 18.0080

## Deuteranomaly

137.3720, 25.8560, 16.0000

## Tritanomaly

135.8710, 58.5440, 29.3280

# Monochromacy



## Original Color

136.4610, 54.1870, 36.7070

## Achromatopsia

136.0000, -0.0000, 0.0000

## Achromatomaly

135.9690, 19.6210, 13.3570

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 136.4610, 54.1870, 36.7070 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(211, 98, 139)` looks like.

```
.text, #text, p{  
    color:rgb(211, 98, 139)  
}
```

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(211, 98, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 98, 139) }
```

## Border

The CSS property to change the border of an element to YIQ 136.4610, 54.1870, 36.7070 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(211, 98, 139) }
```



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

```
.border{ border-color:rgb(211, 98, 139) }
```

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

Here you see how a box with a 4 pixel rgb(211, 98, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 98, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 98, 139);  
box-shadow:4px 4px 4px 4px rgb(211, 98,  
139) }
```

# Background

The CSS property to change the background color of an element to YIQ 136.4610, 54.1870, 36.7070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 98, 139) }
```

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

```
.background{ background-color: rgb(211, 98,  
139) }
```

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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