

# Converting Colors

YIQ(149.0590, 2.6530, 34.5330)

Have a look what the booklet for  
YIQ(149.0590, 2.6530, 34.5330)  
contains.

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# Color

**YIQ(149.0590, 2.6530,  
34.5330)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AD7ECD
RGB	173, 126, 205
RGB Percent	68%, 49%, 80%
CMY	0.3214, 0.5059, 0.1961
CMYK	0.16, 0.39, 0.00, 0.20
HSL	276°, 44%, 65%
HSV	276°, 39%, 80%
XYZ	35.7189, 28.2128, 61.3125
YIQ	149.0590, 2.6530, 34.5330

# Conversions

## Conversions Part 2

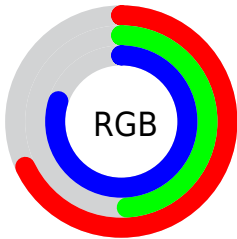
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	173, 126, 205
Decimal	11370189
CIE Lab	60.08, 32.89, -33.98
CIE LCh	60, 47.289, 314.061
Yxy	28.2128, 0.2852, 0.2253
Android (android.graphics.Color)	4289560269 (0xFFAD7ECD)
YUV	149.0590, 27.5789, 20.9963
Hunter-Lab	53.1157, 27.0840, -31.2586

# Details

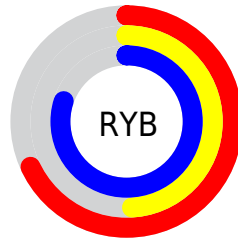
The YIQ color **149.0590, 2.6530, 34.5330** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **181.9410, -2.6530, -34.5330**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **202.6140, 5.4040, 34.2360**, and **97.2930, 1.8740, 32.1300** is the 20% darker color. If you saturate the color by 10%, you get **134.3400, 3.6600, 43.8200**, and if you desaturate by 10%, it is **163.1910, 1.9210, 25.7690**.

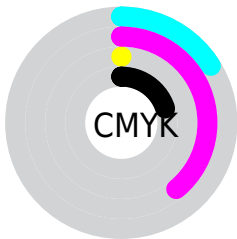
# Distribution



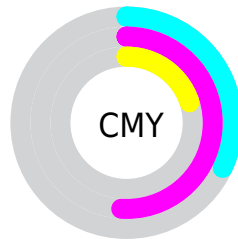
- Red (68%)
- Green (49%)
- Blue (80%)



- Red (68%)
- Yellow (49%)
- Blue (80%)



- Cyan (16%)
- Magenta (39%)
- Yellow (0%)
- Black (20%)



- Cyan (32%)
- Magenta (51%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 149.0590, 2.6530, 34.5330 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 149.0590, 2.6530, 34.5330 by changing the saturation by 10% instead.



149.0590, 2.6530,  
34.5330

149.0590, 2.6530,  
34.5330

255.0000, -0.0000,  
-0.0000

122.5320, 2.6990,  
33.6990

202.9130, 6.0000,  
34.4480

97.2930, 1.8740,  
32.1300

226.8240, 13.2000,  
25.1040

72.4670, 1.3240,  
31.0840

243.8470, 5.2250,  
9.9370

48.6410, 0.7740,  
30.0380

24.6410, 0.7740,  
30.0380

13.7020, -1.1960,  
21.6840

4.5940, -10.1800,

8.2840

■ 0.0000, 0.0000,  
0.0000

■ 149.0590, 2.6530,  
34.5330

■ 149.0590, 2.6530,  
34.5330

■ 134.3400, 3.6600,  
43.8200

■ 163.1910, 1.9210,  
25.7690

■ 119.9090, 3.7960,  
52.3720

■ 178.2090, 1.5100,  
16.6940

■ 105.1900, 4.8030,  
61.6590

■ 192.3410, 0.7780,  
7.9300

■ 91.0580, 5.5350,  
70.4230

■ 207.0600, -0.2290,  
-1.3570

■ 76.3390, 6.5420,  
79.7100

■ 221.1920, -0.9610,  
-10.1210

■ 61.9080, 6.6780,  
88.2620

■ 236.2100, -1.3720,  
-19.1960

■ 59.8480, 6.9070,  
89.6190

■ 242.1240, 1.7460,  
-20.6380

■ 244.5160, 6.5140,  
-18.9420

■ 247.2070, 11.8780,  
-17.0340

# Harmonies

## Analogous

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



141.7090, -46.6320, 19.1280



149.0590, 2.6530, 34.5330



147.8000, 40.1110, 38.5030

# Triad

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



149.0590, 2.6530, 34.5330



142.6390, 54.7000, -11.1560



116.1380, -98.2940, -35.8140

# Complementary

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



149.0590, 2.6530, 34.5330



181.9410, -2.6530, -34.5330

# 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.



117.4230, -68.7200, -43.1520



149.0590, 2.6530, 34.5330



139.1530, 29.1650, -27.4670

# Square

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



149.0590, 2.6530, 34.5330



143.9850, 66.2500, 10.8100



133.4780, -8.6590, -35.8190



118.7090, -109.6670, -22.4270



# Rectangle

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



149.0590, 2.6530, 34.5330



146.1360, 56.4800, 33.6960



133.4780, -8.6590, -35.8190



114.4280, -93.4790, -40.4790

# Sweetspot

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



149.0590, 2.6530, 34.5330



233.2150, 1.3730, 13.6690



154.3770, -34.4340, 7.3100



115.0420, 0.1820, 7.7180



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.



149.0590, 2.6530, 34.5330



172.2680, 4.1630, 51.2270



157.8290, 23.9720, 39.1400



94.9340, 0.3660, 4.3820



48.5250, 5.7180, 72.6140



11.2090, 1.5100, 16.6940



# Inverse Universe

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



153.2690, 36.8120, 26.7000



178.3410, 54.6450, 39.4210



173.1710, -23.9720, -39.1400



95.4460, 4.6760, 3.3640



57.2720, 77.4290, 56.0290



13.0720, 17.8330, 12.7210



# Previews

## White Background



This preview shows how the YIQ color 149.0590, 2.6530, 34.5330 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

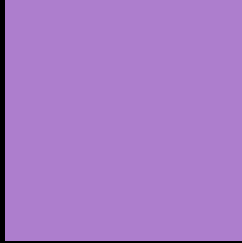
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 149.0590, 2.6530, 34.5330 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

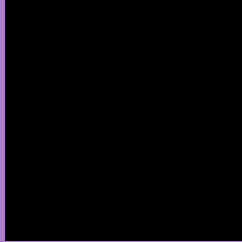
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 149.0590, 2.6530, 34.5330

## Background



This preview shows how black text looks on a background with the YIQ color 149.0590, 2.6530, 34.5330.



This preview shows how white text looks on a background with the YIQ color 149.0590, 2.6530,

34.5330.

# 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

149.0590, 2.6530, 34.5330

### Protanopia

144.4880, -38.7000, 18.5480

### Deuteranopia

144.6430, -29.0710, 14.7450



## Tritanopia

147.0280, 11.9650, 8.9330

# Trichromacy



## Original Color

149.0590, 2.6530, 34.5330

## Protanomaly

146.3760, -23.5250, 24.3710

## Deuteranomaly

146.3180, -17.6100, 21.7980

## Tritanomaly

147.8570, 8.4330, 17.8810

# Monochromacy



## Original Color

149.0590, 2.6530, 34.5330

## Achromatopsia

149.0000, 0.0000, -0.0000

## Achromatomaly

149.2750, 1.1440, 12.3120

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 149.0590, 2.6530, 34.5330 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(173, 126, 205)` looks like.

```
.text, #text, p{  
    color:rgb(173, 126, 205)  
}
```

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(173, 126, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 126, 205) }
```

## Border

The CSS property to change the border of an element to YIQ 149.0590, 2.6530, 34.5330 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(173, 126, 205) }
```



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

```
.border{ border-color:rgb(173, 126, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 126, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 126, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 126, 205);  
box-shadow:4px 4px 4px 4px rgb(173, 126,  
205) }
```

# Background

The CSS property to change the background color of an element to YIQ 149.0590, 2.6530, 34.5330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 126, 205) }
```

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

```
.background{ background-color: rgb(173,  
126, 205) }
```

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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