

# Converting Colors

YIQ(143.5450, 9.8520, 30.7160)

Have a look what the booklet for  
YIQ(143.5450, 9.8520, 30.7160)  
contains.

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# Color

**YIQ(143.5450, 9.8520,  
30.7160)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AC79B9
RGB	172, 121, 185
RGB Percent	67%, 47%, 73%
CMY	0.3253, 0.5256, 0.2745
CMYK	0.07, 0.35, 0.00, 0.27
HSL	288°, 31%, 60%
HSV	288°, 35%, 73%
XYZ	32.6137, 25.9476, 49.1869
YIQ	143.5450, 9.8520, 30.7160

# Conversions

## Conversions Part 2

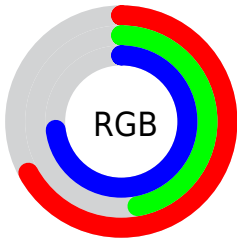
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 121, 185
Decimal	11303353
CIE <sub>Lab</sub>	57.99, 31.13, -25.90
CIE <sub>LCh</sub>	58, 40.496, 320.249
Yxy	25.9476, 0.3027, 0.2408
Android (android.graphics.Color)	4289493433 (0xFFAC79B9)
YUV	143.5450, 20.4373, 24.9550
Hunter-Lab	50.9387, 25.1426, -21.5938

# Details

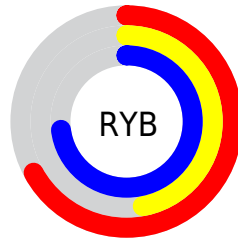
The YIQ color **143.5450, 9.8520, 30.7160** is a light color, and the websafe version is hex **996699**. A complement of this color would be **162.4550, -9.8520, -30.7160**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **197.7840, 10.6770, 32.2850**, and **92.3060, 9.0270, 29.1470** is the 20% darker color. If you saturate the color by 10%, you get **131.1960, 12.6930, 39.8050**, and if you desaturate by 10%, it is **155.3070, 7.2860, 22.1500**.

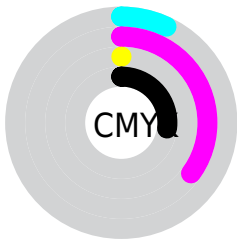
# Distribution



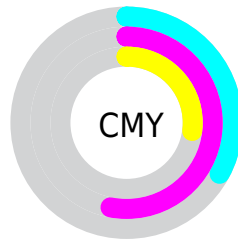
- Red (67%)
- Green (47%)
- Blue (73%)



- Red (67%)
- Yellow (47%)
- Blue (73%)



- Cyan (7%)
- Magenta (35%)
- Yellow (0%)
- Black (27%)



- Cyan (33%)
- Magenta (53%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 143.5450, 9.8520, 30.7160 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 143.5450, 9.8520, 30.7160 by changing the saturation by 10% instead.



■ 143.5450, 9.8520,  
30.7160

■ 143.5450, 9.8520,  
30.7160

■ 255.0000, -0.0000,  
-0.0000

■ 117.7190, 9.3020,  
29.6700

■ 197.7840, 10.6770,  
32.2850

■ 92.3060, 9.0270,  
29.1470

■ 223.8890, 14.5750,  
27.7190

■ 68.0670, 8.2020,  
27.5780

■ 240.3250, 6.8750,  
13.0750

■ 43.7680, 7.6060,  
27.3660

■ 20.6540, 7.9270,  
27.0550

■ 11.3940, 2.4270,  
16.5950

■ 1.3680, -3.8520,

3.7320

■ 0.0000, 0.0000,  
0.0000

■ 143.5450, 9.8520,  
30.7160

■ 143.5450, 9.8520,  
30.7160

■ 131.1960, 12.6930,  
39.8050

■ 155.3070, 7.2860,  
22.1500

■ 119.7330, 15.8550,  
48.5830

■ 167.6560, 4.4450,  
13.0610

■ 107.3840, 18.6960,  
57.6720

■ 179.1190, 1.2830,  
4.2830

■ 95.6220, 21.2620,  
66.2380

■ 191.4680, -1.5580,  
-4.8060

■ 83.2730, 24.1030,  
75.3270

■ 203.2300, -4.1240,  
-13.3720

71.8100, 27.2650,  
84.1050

215.5790, -6.9650,  
-22.4610

65.3420, 28.8230,  
88.9110

227.0420,  
-10.1270, -31.2390

231.1730, -9.1180,  
-33.0060

232.3690, -6.7340,  
-32.1580

# Harmonies

## Analogous

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



139.8050, -29.3470, 19.7490



143.5450, 9.8520, 30.7160



142.2850, 39.8830, 31.6190

# Triad

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



143.5450, 9.8520, 30.7160



136.9520, 43.5130, -12.1590



110.7410, -95.4980, -31.4180

# Complementary

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



143.5450, 9.8520, 30.7160



162.4550, -9.8520, -30.7160

# 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.



116.9880, -62.7610, -35.5050



143.5450, 9.8520, 30.7160



134.1720, 18.9860, -24.7100

# Square

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



143.5450, 9.8520, 30.7160



139.4350, 55.9350, 5.0150



129.1170, -14.7120, -30.7440



112.4000, -104.3030, -20.5190



# Rectangle

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



143.5450, 9.8520, 30.7160



141.0550, 52.0340, 26.1620



129.1170, -14.7120, -30.7440



109.9600, -91.9210, -35.6730

# Sweetspot

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



143.5450, 9.8520, 30.7160



224.4170, 3.6200, 11.4920



136.5140, -24.3940, 12.5820



110.2980, 2.3370, 7.2090



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000



# Same Dimension

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



143.5450, 9.8520, 30.7160



174.4340, 15.2590, 48.3710



145.3800, 23.3780, 27.8740



86.1190, 1.2830, 4.2830



54.8600, 23.8280, 74.8040



9.7700, 4.1240, 13.3720



# Inverse Universe

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



141.6180, 33.9710, 17.6110



171.4790, 53.7760, 27.6320



160.6200, -23.3780, -27.8740



85.8050, 5.0430, 2.2190



50.1780, 83.0250, 42.7130



9.0560, 14.7620, 7.8020



# Previews

## White Background



This preview shows how the YIQ color 143.5450, 9.8520, 30.7160 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

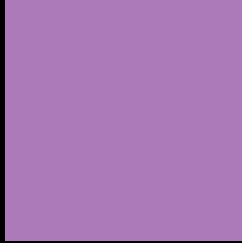
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 143.5450, 9.8520, 30.7160 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

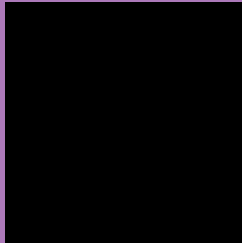
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

**YIQ 143.5450, 9.8520, 30.7160**

## **Background**



This preview shows how black text looks on a background with the YIQ color 143.5450, 9.8520, 30.7160.



This preview shows how white text looks on a background with the YIQ color 143.5450, 9.8520,



# 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

143.5450, 9.8520, 30.7160

### Protanopia

139.7570, -29.3920, 15.0560

### Deuteranopia

140.0370, -18.6170, 12.5110



## Tritanopia

141.9040, 18.2460, 10.7420

# Trichromacy



## Original Color

143.5450, 9.8520, 30.7160

## Protanomaly

141.3460, -14.8130, 20.6670

## Deuteranomaly

141.1140, -8.3480, 19.1400

## Tritanomaly

142.5650, 15.1270, 17.7110

# Monochromacy



## Original Color

143.5450, 9.8520, 30.7160

## Achromatopsia

144.0000, -0.0000, 0.0000

## Achromatomaly

144.0040, 3.3450, 10.9690

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 143.5450, 9.8520, 30.7160 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(172, 121, 185)` looks like.

```
.text, #text, p{  
    color:rgb(172, 121, 185)  
}
```

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(172, 121, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 121, 185) }
```

## Border

The CSS property to change the border of an element to YIQ 143.5450, 9.8520, 30.7160 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(172, 121, 185) }
```



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

```
.border{ border-color:rgb(172, 121, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 121, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 121, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 121, 185);  
box-shadow:4px 4px 4px 4px rgb(172, 121,  
185) }
```

# Background

The CSS property to change the background color of an element to YIQ 143.5450, 9.8520, 30.7160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 121, 185) }
```

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

```
.background{ background-color: rgb(172,  
121, 185) }
```

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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