

# Converting Colors

YIQ(183.1070, 29.0610, 40.5250)

Have a look what the booklet for  
YIQ(183.1070, 29.0610, 40.5250)  
contains.

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# Color

**YIQ(183.1070, 29.0610,  
40.5250)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EC95DC
RGB	236, 149, 220
RGB Percent	93%, 58%, 86%
CMY	0.0743, 0.4158, 0.1372
CMYK	0.00, 0.37, 0.07, 0.07
HSL	311°, 70%, 75%
HSV	311°, 37%, 93%
XYZ	58.2753, 44.4953, 73.2378
YIQ	183.1070, 29.0610, 40.5250

# Conversions

## Conversions Part 2

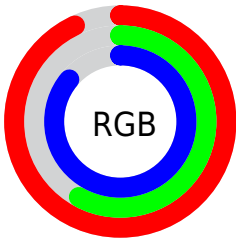
Format	Color
<a href="#">RYB</a>	<a href="#">236, 149, 220</a>
Decimal	<a href="#">15504860</a>
CIELab	<a href="#">72.56, 43.05, -22.55</a>
CIELCh	<a href="#">73, 48.599, 332.356</a>
Yxy	<a href="#">44.4953, 0.3311, 0.2528</a>
Android (android.graphics.Color)	<a href="#">4293694940 (0xFFEC95DC)</a>
YUV	<a href="#">183.1070, 18.1882, 46.3872</a>
Hunter-Lab	<a href="#">66.7048, 39.2095, -18.4034</a>

# Details

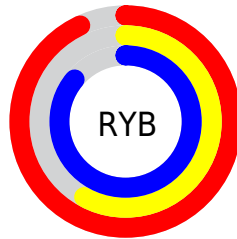
The YIQ color **183.1070, 29.0610, 40.5250** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **201.8930, -29.0610, -40.5250**, and the grayscale version is **183.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.0630, 14.0250, 26.6730**, and **128.6830, 27.3190, 39.0550** is the 20% darker color. If you saturate the color by 10%, you get **168.5630, 36.9450, 51.8330**, and if you desaturate by 10%, it is **197.6510, 21.1770, 29.2170**.

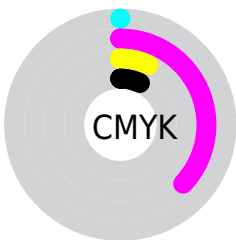
# Distribution



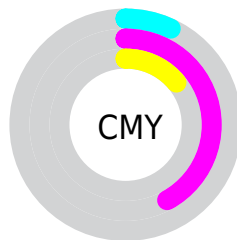
- Red (93%)
- Green (58%)
- Blue (86%)



- Red (93%)
- Yellow (58%)
- Blue (86%)



- Cyan (0%)
- Magenta (37%)
- Yellow (7%)
- Black (7%)




- Cyan (7%)
- Magenta (42%)
- Yellow (14%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 183.1070, 29.0610, 40.5250 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 183.1070, 29.0610, 40.5250 by changing the saturation by 10% instead.





 183.1070, 29.0610,  
40.5250

 183.1070, 29.0610,  
40.5250


255.0000, -0.0000,  
-0.0000


 155.3950, 28.1900,  
39.7900


 225.0630, 14.0250,  
26.6730


 128.6830, 27.3190,  
39.0550

 242.0860, 6.0500,  
11.5060

 101.9710, 26.4480,  
38.3200

 76.3730, 25.2560,  
37.8960

 48.7260, 25.7600,  
39.7760

 28.9380, 22.0470,  
35.4790

 19.4390, 15.7220,

23.4500

■ 7.1780, 2.7950,  
9.9230

■ 0.0000, 0.0000,  
0.0000

■ 183.1070, 29.0610,  
40.5250

■ 183.1070, 29.0610,  
40.5250

■ 168.5630, 36.9450,  
51.8330

■ 197.6510, 21.1770,  
29.2170

■ 154.4920, 44.8750,  
62.3070

■ 211.7220, 13.2470,  
18.7430

■ 139.9480, 52.7590,  
73.6150

■ 226.2660, 5.3630,  
7.4350

■ 125.9910, 60.3680,  
84.4000

■ 240.2230, -2.2460,  
-3.3500

■ 111.3330, 68.5730,  
95.3970

■ 247.8370, -7.1510,  
-8.0710

■ 96.7890, 76.4570,  
106.7050

■ 248.2930, -8.4350,  
-6.8270

■ 92.5660, 78.7030,  
110.0550

■ 248.7490, -9.7190,  
-5.5830

■ 249.3190,  
-11.3240, -4.0280

# Harmonies

## Analogous

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



181.3110, -15.7320, 31.8200



183.1070, 29.0610, 40.5250



179.0760, 56.7090, 35.0530

# Triad

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



183.1070, 29.0610, 40.5250



174.2150, 43.7900, -22.6900



142.9360, -126.9040, -34.9360

# Complementary

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



183.1070, 29.0610, 40.5250



201.8930, -29.0610, -40.5250

# 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.



138.5070, -113.0550, -49.1430



183.1070, 29.0610, 40.5250



168.9870, 8.9010, -34.6750

# Square

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



183.1070, 29.0610, 40.5250



177.0690, 65.4730, -2.6470



160.6300, -38.5060, -40.0580



142.3610, -134.9300, -21.6340



# Rectangle

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



183.1070, 29.0610, 40.5250



176.9440, 65.4680, 24.9880



160.6300, -38.5060, -40.0580



141.9270, -122.6850, -39.8130

# Sweetspot

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



183.1070, 29.0610, 40.5250



237.9940, 9.3050, 13.0890



163.7020, -18.3910, 30.4490



117.5650, 5.9590, 7.6470



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.



183.1070, 29.0610, 40.5250



186.8620, 37.5410, 52.0450



178.2050, 42.8640, 27.1520



110.3150, 3.6670, 5.1310



70.9910, 60.3680, 84.4000



21.1620, 18.0600, 25.1320



# Inverse Universe

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



183.1070, 29.0610, 40.5250



186.8620, 37.5410, 52.0450



206.7950, -42.8640, -27.1520



110.3150, 3.6670, 5.1310



70.9910, 60.3680, 84.4000



21.1620, 18.0600, 25.1320



# Previews

## White Background



This preview shows how the YIQ color 183.1070, 29.0610, 40.5250 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

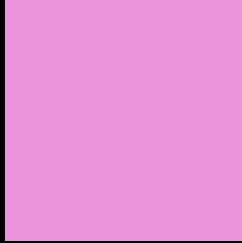
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 183.1070, 29.0610, 40.5250 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

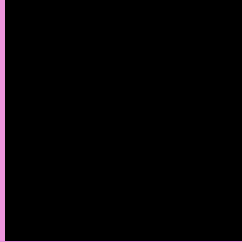
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 183.1070, 29.0610, 40.5250

## Background



This preview shows how black text looks on a background with the YIQ color 183.1070, 29.0610, 40.5250.



This preview shows how white text looks on a background with the YIQ color 183.1070, 29.0610,



# 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

183.1070, 29.0610, 40.5250

### Protanopia

178.5120, -30.0800, 16.5120

### Deuteranopia

179.5710, -11.3730, 13.3870



## Tritanopia

181.5970, 38.4640, 18.7840

# Trichromacy



## Original Color

183.1070, 29.0610, 40.5250



## Protanomaly

180.2160, -8.3950, 25.5010



## Deuteranomaly

180.7950, 2.9760, 23.1680



## Tritanomaly

181.8990, 34.9780, 26.8980

# Monochromacy



## Original Color

183.1070, 29.0610, 40.5250



## Achromatopsia

183.0000, -0.0000, -0.0000



## Achromatomaly

183.1190, 10.4510, 14.3470

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 183.1070, 29.0610, 40.5250 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(236, 149, 220)` looks like.

```
.text, #text, p{  
    color:rgb(236, 149, 220)  
}
```

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(236, 149, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 149, 220) }
```

## Border

The CSS property to change the border of an element to YIQ 183.1070, 29.0610, 40.5250 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(236, 149, 220) }
```



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

```
.border{ border-color:rgb(236, 149, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 149, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 149, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 149, 220);  
box-shadow:4px 4px 4px 4px rgb(236, 149,  
220) }
```

# Background

The CSS property to change the background color of an element to YIQ 183.1070, 29.0610, 40.5250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 149, 220) }
```

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

```
.background{ background-color: rgb(236,  
149, 220) }
```

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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