

# Converting Colors

YIQ(197.0890, 20.3040, 39.5360)

Have a look what the booklet for  
YIQ(197.0890, 20.3040, 39.5360)  
contains.

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# Color

**YIQ(197.0890, 20.3040,  
39.5360)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F1A6F2
RGB	241, 166, 242
RGB Percent	95%, 65%, 95%
CMY	0.0547, 0.3491, 0.0510
CMYK	0.00, 0.31, 0.00, 0.05
HSL	299°, 75%, 80%
HSV	299°, 31%, 95%
XYZ	65.9537, 52.3831, 90.6436
YIQ	197.0890, 20.3040, 39.5360

# Conversions

## Conversions Part 2

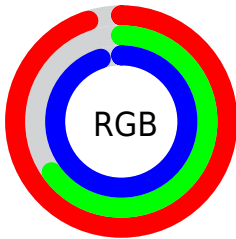
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	241, 166, 242
Decimal	15836914
CIE Lab	77.51, 39.60, -26.92
CIE LCh	78, 47.886, 325.793
Yxy	52.3831, 0.3156, 0.2507
Android (android.graphics.Color)	4294026994 (0xFFF1A6F2)
YUV	197.0890, 22.1411, 38.5099
Hunter-Lab	72.3762, 36.0020, -23.5912

# Details

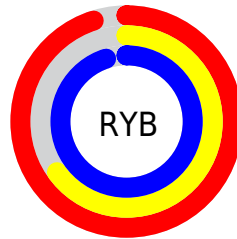
The YIQ color  $197.0890, 20.3040, 39.5360$  is a light color, and the websafe version is hex  $FF99FF$ . A complement of this color would be  $210.9110, -20.3040, -39.5360$ , and the grayscale version is  $197.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $235.6290, 9.0750, 17.2590$ , and  $142.5510, 18.8830, 37.7550$  is the 20% darker color. If you saturate the color by 10%, you get  $183.0010, 26.9040, 52.0880$ , and if you desaturate by 10%, it is  $211.1770, 13.7040, 26.9840$ .

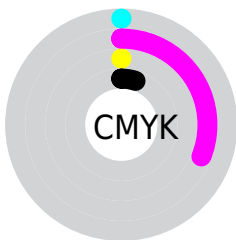
# Distribution



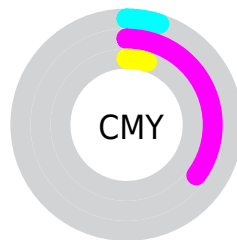
- Red (95%)
- Green (65%)
- Blue (95%)



- Red (95%)
- Yellow (65%)
- Blue (95%)



- Cyan (0%)
- Magenta (31%)
- Yellow (0%)
- Black (5%)



- Cyan (5%)
- Magenta (35%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 197.0890, 20.3040, 39.5360 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 197.0890, 20.3040, 39.5360 by changing the saturation by 10% instead.



197.0890, 20.3040,  
39.5360

197.0890, 20.3040,  
39.5360

255.0000, -0.0000,  
-0.0000

169.3770, 19.4330,  
38.8010

235.6290, 9.0750,  
17.2590

142.5510, 18.8830,  
37.7550

252.6520, 1.1000,  
2.0920

115.8390, 18.0120,  
37.0200

90.0130, 17.4620,  
35.9740

64.7140, 16.8660,  
35.7620

37.9530, 17.6910,  
37.3310

22.5730, 12.6490,

29.5850

■ 13.7860, 7.1950,  
18.2910

■ 2.0690, -4.4480,  
3.5200

■ 197.0890, 20.3040,  
39.5360

■ 197.0890, 20.3040,  
39.5360

■ 183.0010, 26.9040,  
52.0880

■ 211.1770, 13.7040,  
26.9840

■ 168.6140, 32.9080,  
64.4280

■ 225.5640, 7.7000,  
14.6440

■ 153.9390, 39.7830,  
77.5030

■ 240.2390, 0.8250,  
1.5690

■ 139.8510, 46.3830,  
90.0550

■ 249.6310, -3.5750,  
-6.7990

■ 125.7630, 52.9830,  
102.6070

■ 249.9300, -2.9790,  
-6.5870

■ 111.3760, 58.9870,  
114.9470

■ 250.2290, -2.3830,  
-6.3750

■ 99.0490, 64.7620,  
125.9300

# Harmonies

## Analogous

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



191.5180, -21.0490, 23.5510



197.0890, 20.3040, 39.5360



190.6170, 44.8800, 34.6720

# Triad

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



197.0890, 20.3040, 39.5360



188.6720, 49.9330, -18.3790



151.7240, -132.3590, -40.7030

# Complementary

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



197.0890, 20.3040, 39.5360



210.9110, -20.3040, -39.5360

# 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.



162.1420, -86.9220, -43.6740



197.0890, 20.3040, 39.5360



183.6460, 17.2910, -32.5410

# Square

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



197.0890, 20.3040, 39.5360



190.1880, 66.7560, 1.6360



177.2030, -26.9980, -39.3660



151.7530, -139.3300, -30.0020



# Rectangle

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



197.0890, 20.3040, 39.5360



187.1970, 54.5100, 25.3420



177.2030, -26.9980, -39.3660



150.6010, -127.8190, -45.8910

# Sweetspot

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



197.0890, 20.3040, 39.5360



241.4990, 6.3250, 12.0290



175.2510, -24.6710, 23.1130



118.8960, 3.5290, 7.6330



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.



197.0890, 20.3040, 39.5360



197.7620, 26.0790, 50.5190



193.1700, 32.7770, 28.2410



112.9560, 3.3000, 6.2760



75.0950, 48.8120, 95.5960



22.8290, 14.8040, 29.0760



# Inverse Universe

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



188.8380, 44.9750, 16.4230



187.1170, 57.4910, 20.8750



214.8300, -32.7770, -28.2410



111.5880, 7.1520, 2.5440



55.2440, 109.0220, 39.6300

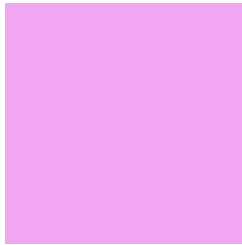


16.8580, 33.0550, 12.1830



# Previews

## White Background



This preview shows how the YIQ color 197.0890, 20.3040, 39.5360 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

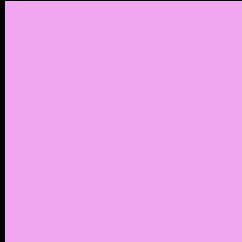
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 197.0890, 20.3040, 39.5360 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

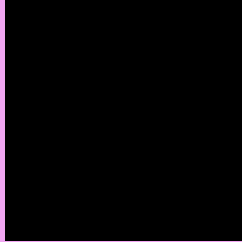
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 197.0890, 20.3040, 39.5360

## Background



This preview shows how black text looks on a background with the YIQ color 197.0890, 20.3040, 39.5360.



This preview shows how white text looks on a background with the YIQ color 197.0890, 20.3040,

39.5360.

# 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

197.0890, 20.3040, 39.5360

### Protanopia

192.3270, -30.9970, 16.6110

### Deuteranopia

193.4010, -16.6460, 15.3380



## Tritanopia

194.9380, 30.0740, 16.6500

# Trichromacy



## Original Color

197.0890, 20.3040, 39.5360



## Protanomaly

193.9490, -12.0170, 25.0630



## Deuteranomaly

194.7990, -2.8470, 24.0730



## Tritanomaly

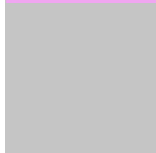
195.6530, 26.8630, 25.2870

# Monochromacy



## Original Color

197.0890, 20.3040, 39.5360



## Achromatopsia

197.0000, -0.0000, -0.0000



## Achromatomaly

197.1510, 7.4250, 14.1210

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 197.0890, 20.3040, 39.5360 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(241, 166, 242)` looks like.

```
.text, #text, p{  
    color:rgb(241, 166, 242)  
}
```

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(241, 166, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 166, 242) }
```

## Border

The CSS property to change the border of an element to YIQ 197.0890, 20.3040, 39.5360 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(241, 166, 242) }
```



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

```
.border{ border-color:rgb(241, 166, 242) }
```

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

Here you see how a box with a 4 pixel rgb(241, 166, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 166, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 166, 242);  
box-shadow:4px 4px 4px 4px rgb(241, 166,  
242) }
```

# Background

The CSS property to change the background color of an element to YIQ 197.0890, 20.3040, 39.5360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 166, 242) }
```

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

```
.background{ background-color: rgb(241,  
166, 242) }
```

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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