

Converting Colors

YIQ(148.6090, 39.3310, 41.6270)

Have a look what the booklet for
YIQ(148.6090, 39.3310, 41.6270)
contains.

YIQ(148.6090, 39.3310, 41.6270)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(148.6090, 39.3310,
41.6270)**

Conversions

Conversions Part 1

Format	Color
Hex	D46FB0
RGB	212, 111, 176
RGB Percent	83%, 44%, 69%
CMY	0.1683, 0.5648, 0.3097
CMYK	0.00, 0.48, 0.17, 0.17
HSL	321°, 54%, 63%
HSV	321°, 48%, 83%
XYZ	40.6910, 28.5030, 44.4453
YIQ	148.6090, 39.3310, 41.6270

Conversions

Conversions Part 2

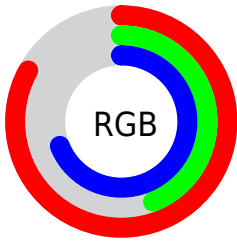
Format	Color
R _Y B	212, 111, 176
Decimal	13922224
CIE Lab	60.34, 47.79, -16.74
CIE LCh	60, 50.633, 340.695
Yxy	28.5030, 0.3581, 0.2508
Android (android.graphics.Color)	4292112304 (0xFFD46FB0)
YUV	148.6090, 13.5038, 55.5939
Hunter-Lab	53.3882, 42.6183, -11.9867

Details

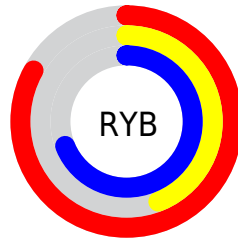
The YIQ color $148.6090, 39.3310, 41.6270$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $174.3910, -39.3310, -41.6270$, and the grayscale version is $148.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $199.5480, 32.1330, 39.9170$, and $94.4130, 36.9470, 40.7790$ is the 20% darker color. If you saturate the color by 10%, you get $135.3700, 47.6740, 50.1220$, and if you desaturate by 10%, it is $161.8480, 30.9880, 33.1320$.

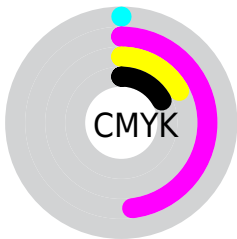
Distribution



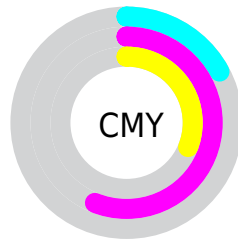
- Red (83%)
- Green (44%)
- Blue (69%)



- Red (83%)
- Yellow (44%)
- Blue (69%)



- Cyan (0%)
- Magenta (48%)
- Yellow (17%)
- Black (17%)





- Cyan (17%)
- Magenta (56%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 148.6090, 39.3310, 41.6270 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 148.6090, 39.3310, 41.6270 by changing the saturation by 10% instead.


 148.6090, 39.3310,
41.6270


 148.6090, 39.3310,
41.6270


255.0000, -0.0000,
-0.0000

 121.5980, 37.8640,
40.6800


 199.5480, 32.1330,
39.9170

 94.4130, 36.9470,
40.7790


 218.6060, 17.0500,
32.4260


 67.0540, 36.5800,
41.9240

 235.6290, 9.0750,
17.2590

 38.6350, 36.4420,
44.4260

 252.6520, 1.1000,
2.0920

 28.0540, 27.4120,
31.8600

 19.0820, 21.0410,
20.6650

 4.4850, 8.9400,

3.1800

■ 0.0000, 0.0000,
0.0000

■ 148.6090, 39.3310,
41.6270

■ 148.6090, 39.3310,
41.6270

■ 135.3700, 47.6740,
50.1220

■ 161.8480, 30.9880,
33.1320

■ 122.2450, 55.6960,
58.9280

■ 174.9730, 22.9660,
24.3260

■ 108.4190, 64.3140,
67.9460

■ 188.7990, 14.3480,
15.3080

■ 95.2940, 72.3360,
76.7520

■ 201.9240, 6.3260,
6.5020

■ 82.0550, 80.6790,
85.2470

■ 215.1630, -2.0170,
-1.9930

■ 78.8920, 82.6960,
87.2400

■ 228.2880,
-10.0390, -10.7990

■ 239.1790,
-17.2820, -17.2020

■ 240.0910,
-19.8500, -14.7140

■ 240.8890,
-22.0970, -12.5370

Harmonies

Analogous

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



149.3620, -2.5740, 35.6500



148.6090, 39.3310, 41.6270



145.3280, 64.6870, 33.6390

Triad

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



148.6090, 39.3310, 41.6270



139.1490, 34.9880, -28.3720



120.5840, -110.8130, -23.6850

Complementary

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



148.6090, 39.3310, 41.6270



174.3910, -39.3310, -41.6270

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.



116.9700, -97.8810, -37.7930



148.6090, 39.3310, 41.6270



133.8760, -4.0280, -37.1480

Square

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



148.6090, 39.3310, 41.6270



142.8030, 60.1100, -10.0820



116.7170, -69.7280, -46.9120



118.8520, -116.9590, -11.4150

Rectangle

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



148.6090, 39.3310, 41.6270



144.0600, 70.8330, 21.3690



116.7170, -69.7280, -46.9120



119.6890, -106.9150, -28.2510

Sweetspot

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



148.6090, 39.3310, 41.6270



232.3860, 14.0730, 14.7850



132.9790, -11.5610, 38.8310



114.1740, 8.6180, 9.0180



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.



148.6090, 39.3310, 41.6270



163.9570, 56.5670, 59.6630



142.9090, 55.3810, 26.0770



100.0870, 4.3090, 4.5090



63.6690, 66.6060, 70.4620



16.0490, 16.6400, 17.8240

Inverse Universe

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



148.6090, 39.3310, 41.6270



163.9570, 56.5670, 59.6630



180.0910, -55.3810, -26.0770



100.0870, 4.3090, 4.5090



63.6690, 66.6060, 70.4620



16.0490, 16.6400, 17.8240

Previews

White Background



This preview shows how the YIQ color 148.6090, 39.3310, 41.6270 looks on a white background.

Color Contrast Check

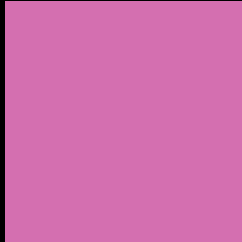
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.6090, 39.3310, 41.6270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

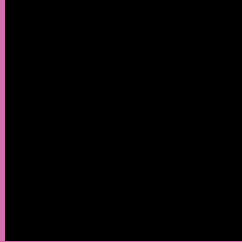
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 148.6090, 39.3310, 41.6270

Background



This preview shows how black text looks on a background with the YIQ color 148.6090, 39.3310, 41.6270.



This preview shows how white text looks on a background with the YIQ color 148.6090, 39.3310,

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

148.6090, 39.3310, 41.6270

Protanopia

146.1980, -26.3200, 14.4480

Deuteranopia

147.1000, -5.7330, 10.2910



Tritanopia

147.7400, 48.3670, 21.0310

Trichromacy



Original Color

148.6090, 39.3310, 41.6270



Protanomaly

147.0980, -2.2510, 24.2850



Deuteranomaly

147.7480, 10.3580, 21.5420



Tritanomaly

147.9280, 45.2020, 28.8340

Monochromacy



Original Color

148.6090, 39.3310, 41.6270



Achromatopsia

149.0000, 0.0000, -0.0000



Achromatomaly

148.7990, 14.3480, 15.3080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.6090, 39.3310, 41.6270 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(212, 111, 176)` looks like.

```
.text, #text, p{  
    color:rgb(212, 111, 176)  
}
```

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(212, 111, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 111, 176) }
```

Border

The CSS property to change the border of an element to YIQ 148.6090, 39.3310, 41.6270 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(212, 111, 176) }
```


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

```
.border{ border-color:rgb(212, 111, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 111, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 111, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 111, 176);  
box-shadow:4px 4px 4px 4px rgb(212, 111,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 148.6090, 39.3310, 41.6270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 111, 176) }
```

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

```
.background{ background-color: rgb(212,  
111, 176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor