

Converting Colors

YIQ(146.6630, 39.2390, 43.2950)

Have a look what the booklet for
YIQ(146.6630, 39.2390, 43.2950)
contains.

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Color

**YIQ(146.6630, 39.2390,
43.2950)**

Conversions

Conversions Part 1

Format	Color
Hex	D36CB1
RGB	211, 108, 177
RGB Percent	83%, 42%, 69%
CMY	0.1723, 0.5766, 0.3058
CMYK	0.00, 0.49, 0.16, 0.17
HSL	320°, 54%, 63%
HSV	320°, 49%, 83%
XYZ	40.1814, 27.7511, 44.8473
YIQ	146.6630, 39.2390, 43.2950

Conversions

Conversions Part 2

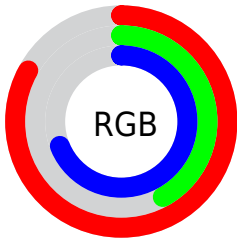
Format	Color
<code>RGB</code>	<code>211, 108, 177</code>
Decimal	<code>13855921</code>
CIELab	<code>59.66, 49.13, -18.35</code>
CIElCh	<code>60, 52.442, 339.515</code>
Yxy	<code>27.7511, 0.3563, 0.2461</code>
Android (<code>android.graphics.Color</code>)	<code>4292046001 (0xFFD36CB1)</code>
YUV	<code>146.6630, 14.9561, 56.4235</code>
Hunter-Lab	<code>52.6793, 43.9630, -13.5996</code>

Details

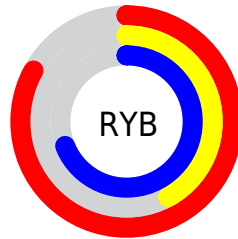
The YIQ color **146.6630, 39.2390, 43.2950** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **172.3370, -39.2390, -43.2950**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **197.9010, 32.6370, 41.7970**, and **92.4670, 36.8550, 42.4470** is the 20% darker color. If you saturate the color by 10%, you get **133.5380, 47.2610, 52.1010**, and if you desaturate by 10%, it is **159.7880, 31.2170, 34.4890**.

Distribution



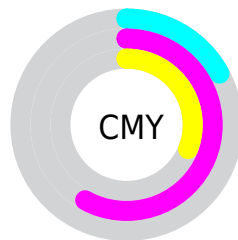
- Red (83%)
- Green (42%)
- Blue (69%)



- Red (83%)
- Yellow (42%)
- Blue (69%)



- Cyan (0%)
- Magenta (49%)
- Yellow (16%)
- Black (17%)




- Cyan (17%)
- Magenta (58%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 146.6630, 39.2390, 43.2950 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 146.6630, 39.2390, 43.2950 by changing the saturation by 10% instead.


 146.6630, 39.2390,
43.2950

 146.6630, 39.2390,
43.2950


255.0000, -0.0000,
-0.0000


 119.0650, 38.0470,
42.8710


 197.9010, 32.6370,
41.7970


 92.4670, 36.8550,
42.4470


 216.8450, 17.8750,
33.9950


 63.9340, 37.0380,
44.6380

 233.8680, 9.9000,
18.8280

 38.4500, 35.5250,
44.5250

 250.8910, 1.9250,
3.6610

 27.7550, 26.8160,
31.6480

 18.8970, 20.1240,
20.7640

 3.4030, 6.2350,

2.6430

■ 0.0000, 0.0000,
0.0000

■ 146.6630, 39.2390,
43.2950

■ 146.6630, 39.2390,
43.2950

■ 133.5380, 47.2610,
52.1010

■ 159.7880, 31.2170,
34.4890

■ 120.4130, 55.2830,
60.9070

■ 172.9130, 23.1950,
25.6830

■ 107.2880, 63.3050,
69.7130

■ 186.0380, 15.1730,
16.8770

■ 94.1630, 71.3270,
78.5190

■ 199.1630, 7.1510,
8.0710

■ 80.4510, 79.6240,
87.8480

■ 212.2880, -0.8710,
-0.7350

■ 79.1630, 80.4950,
88.5830

■ 226.0000, -9.1680,
-10.0640

■ 238.5380,
-16.9150, -18.3470

■ 239.3360,
-19.1620, -16.1700

■ 240.1340,
-21.4090, -13.9930

Harmonies

Analogous

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



147.5190, -4.4540, 36.6820



146.6630, 39.2390, 43.2950



143.2790, 66.3830, 35.9430

Triad

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



146.6630, 39.2390, 43.2950



137.2910, 37.4640, -29.1920



119.1820, -109.6210, -23.2610

Complementary

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



146.6630, 39.2390, 43.2950



172.3370, -39.2390, -43.2950

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.



115.3400, -96.0470, -37.9910



146.6630, 39.2390, 43.2950



132.0070, -3.0190, -38.9150

Square

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



146.6630, 39.2390, 43.2950



140.8850, 62.8150, -9.5450



110.3030, -77.4300, -50.5020



118.3790, -117.0050, -10.5810

Rectangle

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



146.6630, 39.2390, 43.2950



141.8970, 72.8500, 23.3620



110.3030, -77.4300, -50.5020



118.8740, -105.9980, -28.3500

Sweetspot

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



146.6630, 39.2390, 43.2950



231.2120, 14.6230, 15.8310



129.6090, -13.3950, 39.0290



113.5870, 8.8930, 9.5410



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.



146.6630, 39.2390, 43.2950



161.2500, 57.3000, 62.9000



140.9630, 55.2890, 27.7450



98.0870, 4.3090, 4.5090



63.1140, 63.8550, 70.7590



15.3370, 15.7690, 17.0890

Inverse Universe

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



146.6630, 39.2390, 43.2950



161.2500, 57.3000, 62.9000



178.0370, -55.2890, -27.7450



98.0870, 4.3090, 4.5090



63.1140, 63.8550, 70.7590



15.3370, 15.7690, 17.0890

Previews

White Background



This preview shows how the YIQ color 146.6630, 39.2390, 43.2950 looks on a white background.

Color Contrast Check

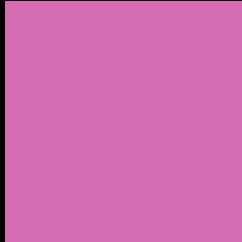
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.6630, 39.2390, 43.2950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

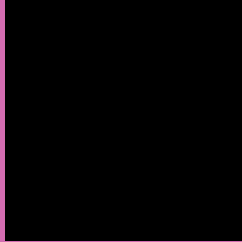
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 146.6630, 39.2390, 43.2950

Background



This preview shows how black text looks on a background with the YIQ color 146.6630, 39.2390, 43.2950.



This preview shows how white text looks on a background with the YIQ color 146.6630, 39.2390,

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

146.6630, 39.2390, 43.2950

Protanopia

144.0560, -28.7960, 15.2680

Deuteranopia

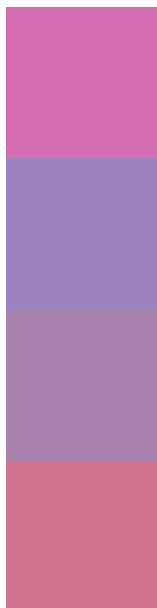
145.6160, -7.2460, 10.1780



Tritanopia

145.9250, 49.2840, 20.9320

Trichromacy



Original Color

146.6630, 39.2390, 43.2950

Protanomaly

145.2550, -4.1310, 25.3170

Deuteranomaly

145.9760, 9.7160, 22.1640

Tritanomaly

146.2270, 45.7980, 29.0460

Monochromacy



Original Color

146.6630, 39.2390, 43.2950

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

146.9130, 14.0270, 15.6190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.6630, 39.2390, 43.2950 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(211, 108, 177)` looks like.

```
.text, #text, p{  
    color:rgb(211, 108, 177)  
}
```

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(211, 108, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 108, 177) }
```

Border

The CSS property to change the border of an element to YIQ 146.6630, 39.2390, 43.2950 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(211, 108, 177) }
```


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

```
.border{ border-color:rgb(211, 108, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 108, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 108, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 108, 177);  
box-shadow:4px 4px 4px 4px rgb(211, 108,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 146.6630, 39.2390, 43.2950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 108, 177) }
```

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

```
.background{ background-color: rgb(211,  
108, 177) }
```

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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