

Converting Colors

YIQ(130.8600, 39.8820, 37.1460)

Have a look what the booklet for
YIQ(130.8600, 39.8820, 37.1460)
contains.

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Color

**YIQ(130.8600, 39.8820,
37.1460)**

Conversions

Conversions Part 1

Format	Color
Hex	C06096
RGB	192, 96, 150
RGB Percent	75%, 38%, 59%
CMY	0.2468, 0.6237, 0.4116
CMYK	0.00, 0.50, 0.22, 0.25
HSL	326°, 43%, 56%
HSV	326°, 50%, 75%
XYZ	31.4418, 21.7766, 31.4128
YIQ	130.8600, 39.8820, 37.1460

Conversions

Conversions Part 2

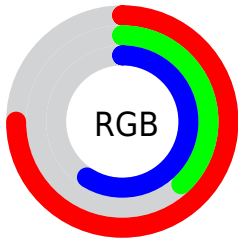
Format	Color
RYB	192, 96, 150
Decimal	12607638
CIELab	53.79, 44.99, -11.83
CIELCh	54, 46.515, 345.269
Yxy	21.7766, 0.3715, 0.2573
Android (android.graphics.Color)	4290797718 (0xFFC06096)
YUV	130.8600, 9.4360, 53.6198
Hunter-Lab	46.6654, 38.6037, -7.2454

Details

The YIQ color **130.8600, 39.8820, 37.1460** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **157.1400, -39.8820, -37.1460**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.4690, 42.5410, 38.5170**, and **77.7780, 37.1770, 36.6090** is the 20% darker color. If you saturate the color by 10%, you get **118.7950, 47.6750, 44.5950**, and if you desaturate by 10%, it is **142.9250, 32.0890, 29.6970**.

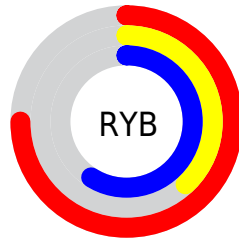
Distribution



Red (75%)

Green (38%)

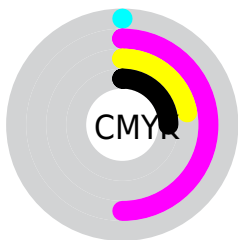
Blue (59%)



Red (75%)

Yellow (38%)

Blue (59%)

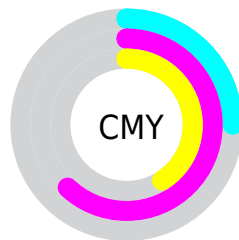


Cyan (0%)

Magenta (50%)

Yellow (22%)

Black (25%)



Cyan (25%)

Magenta (62%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 130.8600, 39.8820, 37.1460 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 130.8600, 39.8820, 37.1460 by changing the saturation by 10% instead.


 130.8600, 39.8820,
37.1460


 130.8600, 39.8820,
37.1460


255.0000, -0.0000,
-0.0000


 104.2620, 38.6900,
36.7220

 185.4690, 42.5410,
38.5170

 77.7780, 37.1770,
36.6090


 206.5920, 28.8330,
33.6410


 48.7720, 37.3140,
39.6340

 225.6500, 13.7500,
26.1500

 30.5600, 31.8590,
33.8670

 242.6730, 5.7750,
10.9830

 20.5770, 24.0210,
21.7250

 9.7250, 17.1920,
7.8160

 0.0000, 0.0000,

0.0000

■ 130.8600, 39.8820,
37.1460

■ 130.8600, 39.8820,
37.1460

■ 118.7950, 47.6750,
44.5950

■ 142.9250, 32.0890,
29.6970

■ 106.6160, 55.7890,
51.7330

■ 155.1040, 23.9750,
22.5590

■ 93.9640, 63.8570,
59.7050

■ 167.7560, 15.9070,
14.5870

■ 81.7850, 71.9710,
66.8430

■ 179.9350, 7.7930,
7.4490

■ 69.7200, 79.7640,
74.2920

■ 192.0000, -0.0000,
0.0000

■ 204.0650, -7.7930,
-7.4490

■ 216.2440,
-15.9070, -14.5870

■ 228.8960,
-23.9750, -22.5590

■ 232.8570,
-28.2390, -22.3750

Harmonies

Analogous

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



132.6030, 3.9370, 33.2890



130.8600, 39.8820, 37.1460



128.4150, 59.8280, 28.0840

Triad

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



130.8600, 39.8820, 37.1460



122.4840, 26.7350, -27.4810



106.7920, -99.5350, -18.8230

Complementary

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



130.8600, 39.8820, 37.1460



157.1400, -39.8820, -37.1460

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.



103.7480, -88.2080, -31.3760



130.8600, 39.8820, 37.1460



117.0480, -10.2640, -34.2640

Square

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



130.8600, 39.8820, 37.1460



125.5570, 51.9950, -11.6930



98.4870, -74.7720, -43.6040



105.0770, -104.3510, -8.6310

Rectangle

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



130.8600, 39.8820, 37.1460



127.7770, 64.1400, 16.0120



98.4870, -74.7720, -43.6040



106.1250, -96.2790, -22.7670

Sweetspot

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



130.8600, 39.8820, 37.1460



225.8700, 15.5860, 14.8980



119.5020, -5.7840, 38.7600



110.3590, 9.5350, 8.9190



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



130.8600, 39.8820, 37.1460



154.4260, 62.4360, 57.9240



125.3880, 55.2900, 22.2180



90.6740, 4.0340, 3.9860



58.3990, 67.0660, 62.1220



12.0330, 13.5690, 12.9050

Inverse Universe

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



130.8600, 39.8820, 37.1460



154.4260, 62.4360, 57.9240



162.6120, -55.2900, -22.2180



90.6740, 4.0340, 3.9860



58.3990, 67.0660, 62.1220



12.0330, 13.5690, 12.9050

Previews

White Background



This preview shows how the YIQ color 130.8600, 39.8820, 37.1460 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 130.8600, 39.8820, 37.1460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

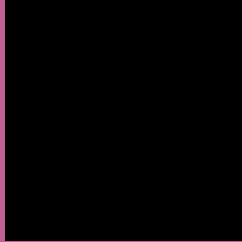
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.8600, 39.8820, 37.1460

Background



This preview shows how black text looks on a background with the YIQ color 130.8600, 39.8820, 37.1460.



This preview shows how white text looks on a background with the YIQ color 130.8600, 39.8820,

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

130.8600, 39.8820, 37.1460

Protanopia

129.1400, -20.4050, 11.8750

Deuteranopia

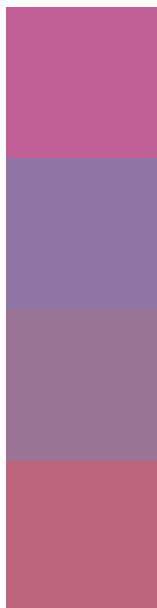
130.5580, -1.3310, 7.6050



Tritanopia

129.9140, 47.8170, 19.9850

Trichromacy



Original Color

130.8600, 39.8820, 37.1460

Protanomaly

129.8440, 1.2800, 20.8640

Deuteranomaly

130.6080, 13.5680, 18.4320

Tritanomaly

130.0480, 44.7440, 26.1200

Monochromacy



Original Color

130.8600, 39.8820, 37.1460

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

130.7450, 14.4400, 13.6400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.8600, 39.8820, 37.1460 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(192, 96, 150)` looks like.

```
.text, #text, p{  
    color:rgb(192, 96, 150)  
}
```

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(192, 96, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 96, 150) }
```

Border

The CSS property to change the border of an element to YIQ 130.8600, 39.8820, 37.1460 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(192, 96, 150) }
```


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

```
.border{ border-color:rgb(192, 96, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 96, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 96, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 96, 150);  
box-shadow:4px 4px 4px 4px rgb(192, 96,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 130.8600, 39.8820, 37.1460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 96, 150) }
```

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

```
.background{ background-color: rgb(192, 96,  
150) }
```

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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