

Converting Colors

YIQ(129.2600, 6.6410, 39.3530)

Have a look what the booklet for
YIQ(129.2600, 6.6410, 39.3530)
contains.

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Color

**YIQ(129.2600, 6.6410,
39.3530)**

Conversions

Conversions Part 1

Format	Color
Hex	A066BD
RGB	160, 102, 189
RGB Percent	63%, 40%, 74%
CMY	0.3723, 0.6001, 0.2589
CMYK	0.15, 0.46, 0.00, 0.26
HSL	280°, 40%, 57%
HSV	280°, 46%, 74%
XYZ	28.4402, 20.6503, 50.6251
YIQ	129.2600, 6.6410, 39.3530

Conversions

Conversions Part 2

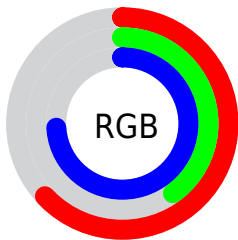
Format	Color
RYB	160, 102, 189
Decimal	10512061
CIELab	52.56, 38.89, -36.73
CIELCh	53, 53.490, 316.639
Yxy	20.6503, 0.2852, 0.2071
Android (android.graphics.Color)	4288702141 (0xFFA066BD)
YUV	129.2600, 29.4518, 26.9590
Hunter-Lab	45.4426, 32.1894, -34.2419

Details

The YIQ color **129.2600, 6.6410, 39.3530** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **161.7400, -6.6410, -39.3530**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.0260, 7.4200, 41.7560**, and **77.6080, 5.5410, 37.2610** is the 20% darker color. If you saturate the color by 10%, you get **116.3130, 8.2900, 48.0180**, and if you desaturate by 10%, it is **142.2070, 4.9920, 30.6880**.

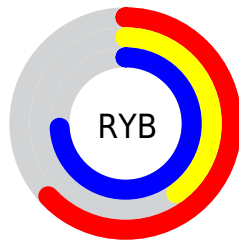
Distribution



Red (63%)

Green (40%)

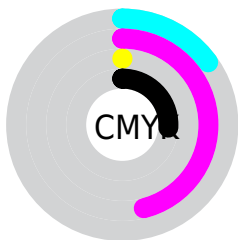
Blue (74%)



Red (63%)

Yellow (40%)

Blue (74%)

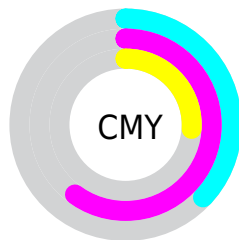


Cyan (15%)

Magenta (46%)

Yellow (0%)

Black (26%)



Cyan (37%)

Magenta (60%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.2600, 6.6410, 39.3530 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 129.2600, 6.6410, 39.3530 by changing the saturation by 10% instead.

129.2600, 6.6410,
39.3530

129.2600, 6.6410,
39.3530

255.0000, -0.0000,
-0.0000

103.4340, 6.0910,
38.3070

183.0260, 7.4200,
41.7560

77.6080, 5.5410,
37.2610

209.1590, 14.1150,
36.0590

53.0810, 5.5870,
36.4270

228.5850, 12.3750,
23.5350

26.7220, 5.2200,
37.5720

245.0210, 4.6750,
8.8910

16.8210, 0.0870,
25.9670

4.3320, -12.1980,
11.8180

2.2970, -5.0900,

4.1420

■ 0.0000, 0.0000,
0.0000

■ 129.2600, 6.6410,
39.3530

■ 129.2600, 6.6410,
39.3530

■ 116.3130, 8.2900,
48.0180

■ 142.2070, 4.9920,
30.6880

■ 103.0670, 9.3430,
56.4710

■ 155.4530, 3.9390,
22.2350

■ 90.1200, 10.9920,
65.1360

■ 168.4000, 2.2900,
13.5700

■ 77.1730, 12.6410,
73.8010

■ 181.3470, 0.6410,
4.9050

■ 64.2260, 14.2900,
82.4660

■ 193.7070, -0.7330,
-3.2370

■ 59.2200, 14.4270,
85.4910

■ 206.9530, -1.7860,
-11.6900

■ 219.9000, -3.4350,
-20.3550

■ 232.8470, -5.0840,
-29.0200

■ 236.1140, -1.4620,
-28.5820

Harmonies

Analogous

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



121.7240, -50.9880, 20.9800



129.2600, 6.6410, 39.3530



125.9690, 47.1250, 43.5490

Triad

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



129.2600, 6.6410, 39.3530



120.9180, 58.0480, -16.7680



103.3890, -88.5750, -30.2310

Complementary

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



129.2600, 6.6410, 39.3530



161.7400, -6.6410, -39.3530

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.



97.4440, -73.2130, -44.3250



129.2600, 6.6410, 39.3530



117.2360, 30.1290, -33.9270

Square

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



129.2600, 6.6410, 39.3530



122.3830, 70.8810, 9.4810



110.6080, -15.0770, -40.6530



106.8890, -101.1860, -16.4340

Rectangle

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



129.2600, 6.6410, 39.3530



123.0770, 64.1360, 38.1200



110.6080, -15.0770, -40.6530



101.6790, -83.7600, -34.8960

Sweetspot

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



129.2600, 6.6410, 39.3530



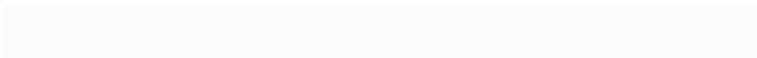
221.4540, 2.1980, 15.2380



128.9410, -35.9020, 11.8900



108.1670, 1.3280, 8.9760



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



129.2600, 6.6410, 39.3530



152.3000, 10.3050, 61.0650



136.2210, 28.7400, 40.8360



87.8200, 0.6870, 4.0710



49.7060, 12.4580, 71.6100



9.5140, 1.9690, 13.8810

Inverse Universe

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



131.3190, 42.5430, 27.4630



155.4950, 66.0150, 42.6150



154.6650, -28.4190, -41.1470



88.0330, 4.4010, 2.8410



53.2840, 77.1550, 49.9790



10.4090, 15.2660, 9.6820

Previews

White Background



This preview shows how the YIQ color 129.2600, 6.6410, 39.3530 looks on a white background.

Color Contrast Check

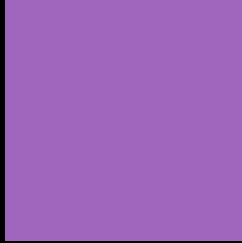
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.2600, 6.6410, 39.3530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

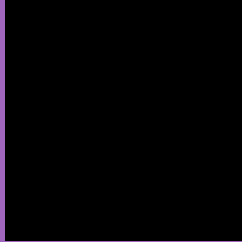
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.2600, 6.6410, 39.3530

Background



This preview shows how black text looks on a background with the YIQ color 129.2600, 6.6410, 39.3530.



This preview shows how white text looks on a background with the YIQ color 129.2600, 6.6410,

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

129.2600, 6.6410, 39.3530

Protanopia

123.3070, -45.4400, 19.5520

Deuteranopia

124.6640, -33.5640, 13.5720



Tritanopia

127.8930, 16.7790, 9.7950

Trichromacy



Original Color

129.2600, 6.6410, 39.3530

Protanomaly

125.2880, -26.0930, 26.8590

Deuteranomaly

126.3610, -19.1690, 22.5190

Tritanomaly

128.7760, 13.1550, 20.4110

Monochromacy



Original Color

129.2600, 6.6410, 39.3530

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.9270, 2.2440, 14.4040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.2600, 6.6410, 39.3530 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(160, 102, 189)` looks like.

```
.text, #text, p{  
    color:rgb(160, 102, 189)  
}
```

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(160, 102, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 102, 189) }
```

Border

The CSS property to change the border of an element to YIQ 129.2600, 6.6410, 39.3530 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(160, 102, 189) }
```


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

```
.border{ border-color:rgb(160, 102, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 102, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 102, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 102, 189);  
box-shadow:4px 4px 4px 4px rgb(160, 102,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 129.2600, 6.6410, 39.3530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 102, 189) }
```

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

```
.background{ background-color: rgb(160,  
102, 189) }
```

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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