

Converting Colors

YIQ(111.6450, 31.6230, 71.1990)

Have a look what the booklet for
YIQ(111.6450, 31.6230, 71.1990)
contains.

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Color

**YIQ(111.6450, 31.6230,
71.1990)**

Conversions

Conversions Part 1

Format	Color
Hex	BA39C6
RGB	186, 57, 198
RGB Percent	73%, 22%, 78%
CMY	0.2702, 0.7767, 0.2235
CMYK	0.06, 0.71, 0.00, 0.22
HSL	295°, 55%, 50%
HSV	295°, 71%, 78%
XYZ	31.9282, 17.4501, 55.1140
YIQ	111.6450, 31.6230, 71.1990

Conversions

Conversions Part 2

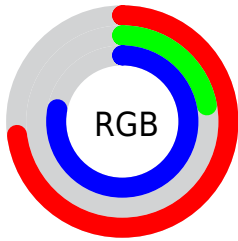
Format	Color
R _Y B	186, 57, 198
Decimal	12204486
CIE Lab	48.82, 68.17, -47.63
CIE LCh	49, 83.160, 325.059
Yxy	17.4501, 0.3056, 0.1670
Android (android.graphics.Color)	4290394566 (0xFFBA39C6)
YUV	111.6450, 42.5730, 65.2093
Hunter-Lab	41.7733, 63.3280, -48.9836

Details

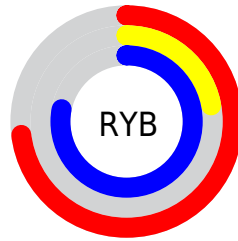
The YIQ color **111.6450, 31.6230, 71.1990** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted purple. A complement of this color would be **143.3550, -31.6230, -71.1990**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **170.4170, 32.2650, 70.5770**, and **54.8730, 30.9810, 71.8210** is the 20% darker color. If you saturate the color by 10%, you get **99.3070, 35.9310, 81.2350**, and if you desaturate by 10%, it is **123.9830, 27.3150, 61.1630**.

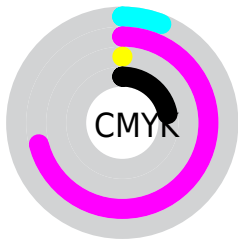
Distribution



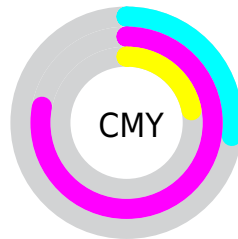
- Red (73%)
- Green (22%)
- Blue (78%)



- Red (73%)
- Yellow (22%)
- Blue (78%)



- Cyan (6%)
- Magenta (71%)
- Yellow (0%)
- Black (22%)



- Cyan (27%)
- Magenta (78%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.6450, 31.6230, 71.1990 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 111.6450, 31.6230, 71.1990 by changing the saturation by 10% instead.

■ 111.6450, 31.6230,
71.1990

■ 111.6450, 31.6230,
71.1990

255.0000, -0.0000,
-0.0000

■ 77.4760, 33.7770,
76.2170

■ 170.4170, 32.2650,
70.5770

■ 54.8730, 30.9810,
71.8210

■ 189.8430, 30.5250,
58.0530

■ 43.5370, 22.6390,
57.7990

■ 206.8660, 22.5500,
42.8860

■ 32.3150, 13.9760,
44.0880

■ 223.8890, 14.5750,
27.7190

■ 22.4030, 7.3760,
31.5360

■ 240.9120, 6.6000,
12.5520

■ 8.9030, -6.3760,
16.4400

■ 3.0950, -7.3370,

6.3190

■ 0.0000, 0.0000,
0.0000

■ 111.6450, 31.6230,
71.1990

■ 111.6450, 31.6230,
71.1990

■ 99.3070, 35.9310,
81.2350

■ 123.9830, 27.3150,
61.1630

■ 87.2680, 40.8350,
91.4830

■ 136.0220, 22.4110,
50.9150

■ 76.6910, 44.3180,
99.9500

■ 147.7730, 18.3780,
41.4020

■ 160.1110, 14.0700,
31.3660

■ 172.1500, 9.1660,
21.1180

■ 184.4880, 4.8580,
11.0820

■ 196.8260, 0.5500,
1.0460

■ 208.2780, -4.0790,
-8.6790

■ 220.6160, -8.3870,
-18.7150

Harmonies

Analogous

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



108.2390, -67.9550, 36.6290



111.6450, 31.6230, 71.1990



83.7040, 95.0290, 89.5010

Triad

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



111.6450, 31.6230, 71.1990



109.1320, 60.0210, -24.9950



104.9510, -95.7290, -21.7210

Complementary

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



111.6450, 31.6230, 71.1990



143.3550, -31.6230, -71.1990

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.



96.1560, -72.3420, -43.5900



111.6450, 31.6230, 71.1990



100.5400, 13.9930, -49.8710

Square

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



111.6450, 31.6230, 71.1990



104.4230, 99.7670, 3.5990



83.7590, -44.3240, -66.7880



109.8020, -113.5220, -2.1140

Rectangle

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



111.6450, 31.6230, 71.1990



79.8410, 113.0960, 75.9440



83.7590, -44.3240, -66.7880



102.3290, -88.3460, -28.8740

Sweetspot

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



111.6450, 31.6230, 71.1990



221.8070, 11.8700, 27.1820



81.2920, -49.1110, 36.5290



108.3190, 7.0120, 16.1000



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.



111.6450, 31.6230, 71.1990



122.2390, 48.9470, 109.6750



108.8490, 56.7510, 56.3270



93.7170, 2.4750, 4.7070



63.1330, 36.4810, 82.2810



13.9710, 8.1120, 18.1920

Inverse Universe

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



100.5270, 80.1840, 33.6240



105.0490, 123.2330, 51.9130



146.1510, -56.7510, -56.3270



92.6910, 5.3640, 1.9080



50.3330, 92.6540, 38.9100



11.1060, 20.4930, 8.5650

Previews

White Background



This preview shows how the YIQ color 111.6450, 31.6230, 71.1990 looks on a white background.

Color Contrast Check

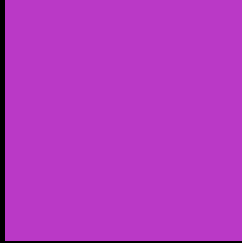
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 111.6450, 31.6230, 71.1990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

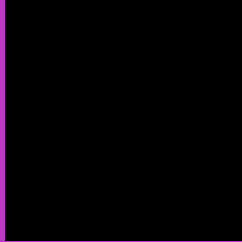
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 111.6450, 31.6230, 71.1990

Background



This preview shows how black text looks on a background with the YIQ color 111.6450, 31.6230, 71.1990.



This preview shows how white text looks on a background with the YIQ color 111.6450, 31.6230,

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

111.6450, 31.6230, 71.1990

Deuteranopia

112.2370, -48.4190, 12.9650

Tritanopia

116.6150, 47.2210, 19.7730

Trichromacy



Original Color

111.6450, 31.6230, 71.1990

Deuteranomaly

112.0380, -19.2170, 34.4070

Tritanomaly

114.8710, 41.3490, 38.0930

Monochromacy



Original Color

111.6450, 31.6230, 71.1990

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

111.8670, 11.6410, 25.8250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.6450, 31.6230, 71.1990 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(186, 57, 198)` looks like.

```
.text, #text, p{  
    color:rgb(186, 57, 198)  
}
```

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(186, 57, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 57, 198) }
```

Border

The CSS property to change the border of an element to YIQ 111.6450, 31.6230, 71.1990 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(186, 57, 198) }
```

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

```
.border{ border-color:rgb(186, 57, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 57, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 57, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 57, 198);  
box-shadow:4px 4px 4px 4px rgb(186, 57,  
198) }
```


Background

The CSS property to change the background color of an element to YIQ 111.6450, 31.6230, 71.1990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 57, 198) }
```

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

```
.background{ background-color: rgb(186, 57,  
198) }
```

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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