

Converting Colors

YIQ(154.8980, -6.8390, 41.3610)

Have a look what the booklet for
YIQ(154.8980, -6.8390, 41.3610)
contains.

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Color

**YIQ(154.8980, -6.8390,
41.3610)**

Conversions

Conversions Part 1

Format	Color
Hex	AE82E9
RGB	174, 130, 233
RGB Percent	68%, 51%, 91%
CMY	0.3175, 0.4903, 0.0864
CMYK	0.25, 0.44, 0.00, 0.09
HSL	266°, 70%, 71%
HSV	266°, 44%, 91%
XYZ	40.1494, 30.8457, 80.9081
YIQ	154.8980, -6.8390, 41.3610

Conversions

Conversions Part 2

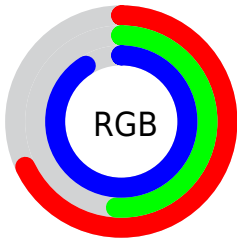
Format	Color
RYB	174, 130, 233
Decimal	11436777
CIELab	62.38, 37.33, -46.02
CIElCh	62, 59.254, 309.048
Yxy	30.8457, 0.2643, 0.2031
Android (android.graphics.Color)	4289626857 (0xFFAE82E9)
YUV	154.8980, 38.5043, 16.7525
Hunter-Lab	55.5389, 31.8459, -47.4954

Details

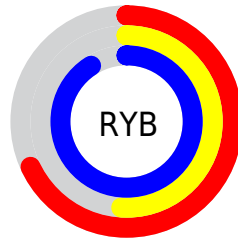
The YIQ color $154.8980, -6.8390, 41.3610$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $208.1020, 6.8390, -41.3610$, and the grayscale version is $155.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $206.1470, 5.2210, 32.0450$, and $102.1320, -7.6180, 38.9580$ is the 20% darker color. If you saturate the color by 10%, you get $137.5100, -8.2620, 50.6340$, and if you desaturate by 10%, it is $172.2860, -5.4160, 32.0880$.

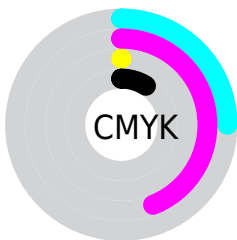
Distribution



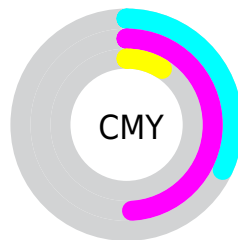
- Red (68%)
- Green (51%)
- Blue (91%)



- Red (68%)
- Yellow (51%)
- Blue (91%)



- Cyan (25%)
- Magenta (44%)
- Yellow (0%)
- Black (9%)



- Cyan (32%)
- Magenta (49%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.8980, -6.8390, 41.3610 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 154.8980, -6.8390, 41.3610 by changing the saturation by 10% instead.

■ 154.8980, -6.8390,
41.3610

■ 154.8980, -6.8390,
41.3610

■ 255.0000, -0.0000,
-0.0000

■ 128.0720, -7.3890,
40.3150

■ 206.1470, 5.2210,
32.0450

■ 102.1320, -7.6180,
38.9580

■ 229.7590, 11.8250,
22.4890

■ 76.8930, -8.4430,
37.3890

■ 246.1950, 4.1250,
7.8450

■ 52.5400, -8.9470,
35.5090

■ 27.2300, -11.0100,
34.3500

■ 11.4260, -17.7940,
25.1340

■ 6.2870, -16.3250,

15.0270

■ 4.3660, -9.5380,
7.6620

■ 0.0000, 0.0000,
0.0000

■ 154.8980, -6.8390,
41.3610

■ 154.8980, -6.8390,
41.3610

■ 137.5100, -8.2620,
50.6340

■ 172.2860, -5.4160,
32.0880

■ 119.2360,
-10.0060, 60.2180

■ 190.5600, -3.6720,
22.5040

■ 101.8480,
-11.4290, 69.4910

■ 207.9480, -2.2490,
13.2310

■ 84.4600, -12.8520,
78.7640

■ 225.3360, -0.8260,
3.9580

■ 66.1860, -14.5960,
88.3480

■ 243.0230, 1.1930,
-5.1030

■ 56.4620, -15.1930,
93.6630

■ 252.1930, 6.4660,
-7.0540

■ 252.4920, 7.0620,
-6.8420

Harmonies

Analogous

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



139.2350, -80.4680, 15.5960



154.8980, -6.8390, 41.3610



153.2170, 43.7310, 49.9950

Triad

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



154.8980, -6.8390, 41.3610



146.9090, 71.4350, -11.5810



122.2360, -101.6860, -40.4220

Complementary

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



154.8980, -6.8390, 41.3610



208.1020, 6.8390, -41.3610

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.



114.7920, -83.4810, -56.4810



154.8980, -6.8390, 41.3610



142.8370, 44.4340, -34.3660

Square

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



154.8980, -6.8390, 41.3610



147.9980, 82.5710, 17.8910



136.6170, -2.1010, -44.5410



126.7620, -117.1860, -23.8260

Rectangle

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



154.8980, -6.8390, 41.3610



150.2010, 67.0230, 46.3750



136.6170, -2.1010, -44.5410



120.0700, -95.5870, -46.3310

Sweetspot

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



154.8980, -6.8390, 41.3610



229.9480, -2.2490, 13.2310



176.9620, -49.5630, 0.6530



112.0850, -1.3770, 8.4390



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.



154.8980, -6.8390, 41.3610



152.7320, -8.7670, 54.2810



169.8480, 22.9610, 51.9610



108.7490, -0.5510, 4.4810



43.6570, -12.2090, 72.6150



13.0330, -3.6260, 21.6700

Inverse Universe

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



167.5230, 42.4490, 40.1850



169.1430, 55.7430, 52.5670



193.1520, -22.9610, -51.9610



109.9730, 4.6300, 4.1980



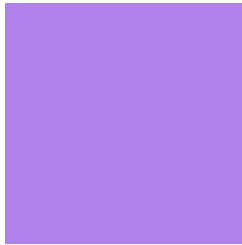
65.9750, 74.4920, 70.7160



19.6800, 22.2330, 21.0890

Previews

White Background



This preview shows how the YIQ color 154.8980, -6.8390, 41.3610 looks on a white background.

Color Contrast Check

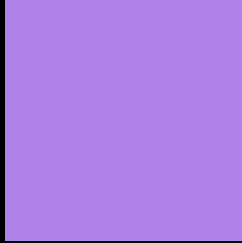
Large Text (above 18pt) WCAG AA × Fail

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 154.8980, -6.8390, 41.3610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

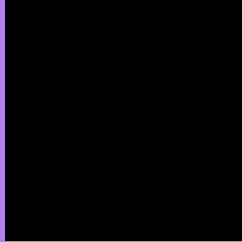
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 154.8980, -6.8390, 41.3610

Background



This preview shows how black text looks on a background with the YIQ color 154.8980, -6.8390, 41.3610.



This preview shows how white text looks on a background with the YIQ color 154.8980, -6.8390,

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

154.8980, -6.8390, 41.3610

Protanopia

148.1520, -55.0690, 23.3550

Deuteranopia

148.2420, -46.8150, 16.9370



Tritanopia

152.4400, 4.8130, 6.3890

Trichromacy



Original Color

154.8980, -6.8390, 41.3610

Protanomaly

150.2360, -37.5100, 30.0260

Deuteranomaly

150.8250, -32.0990, 25.5730

Tritanomaly

153.4910, 0.7760, 18.9840

Monochromacy



Original Color

154.8980, -6.8390, 41.3610

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

155.0020, -2.3410, 14.8990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.8980, -6.8390, 41.3610 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(174, 130, 233)` looks like.

```
.text, #text, p{  
    color:rgb(174, 130, 233)  
}
```

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(174, 130, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 130, 233) }
```

Border

The CSS property to change the border of an element to YIQ 154.8980, -6.8390, 41.3610 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(174, 130, 233) }
```


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

```
.border{ border-color:rgb(174, 130, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 130, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 130, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 130, 233);  
box-shadow:4px 4px 4px 4px rgb(174, 130,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 154.8980, -6.8390, 41.3610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 130, 233) }
```

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

```
.background{ background-color: rgb(174,  
130, 233) }
```

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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