

Converting Colors

YIQ(143.3190, 8.1530, 44.9930)

Have a look what the booklet for
YIQ(143.3190, 8.1530, 44.9930)
contains.

YIQ(143.3190, 8.1530, 44.9930)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(143.3190, 8.1530,
44.9930)**

Conversions

Conversions Part 1

Format	Color
Hex	B370D3
RGB	179, 112, 211
RGB Percent	70%, 44%, 83%
CMY	0.2978, 0.5609, 0.1726
CMYK	0.15, 0.47, 0.00, 0.17
HSL	281°, 53%, 63%
HSV	281°, 47%, 83%
XYZ	36.1510, 25.8752, 64.7096
YIQ	143.3190, 8.1530, 44.9930

Conversions

Conversions Part 2

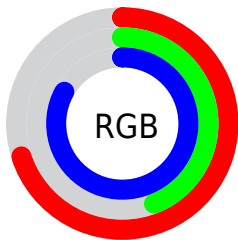
Format	Color
RYB	179, 112, 211
Decimal	11759827
CIELab	57.92, 43.65, -40.71
CIELCh	58, 59.688, 317.002
Yxy	25.8752, 0.2852, 0.2042
Android (android.graphics.Color)	4289949907 (0xFFB370D3)
YUV	143.3190, 33.3667, 31.2922
Hunter-Lab	50.8677, 37.8392, -39.8165

Details

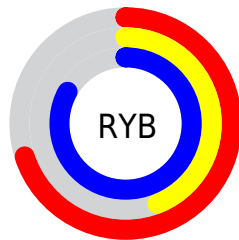
The YIQ color $143.3190, 8.1530, 44.9930$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $179.6810, -8.1530, -44.9930$, and the grayscale version is $143.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $196.4890, 13.4260, 43.0420$, and $90.6670, 7.0530, 42.9010$ is the 20% darker color. If you saturate the color by 10%, you get $128.8990, 9.7560, 54.4920$, and if you desaturate by 10%, it is $157.7390, 6.5500, 35.4940$.

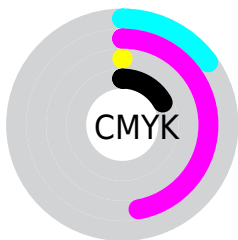
Distribution



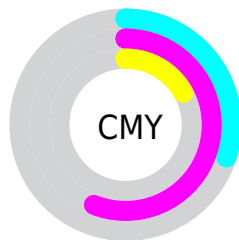
- Red (70%)
- Green (44%)
- Blue (83%)



- Red (70%)
- Yellow (44%)
- Blue (83%)



- Cyan (15%)
- Magenta (47%)
- Yellow (0%)
- Black (17%)



- Cyan (30%)
- Magenta (56%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 143.3190, 8.1530, 44.9930 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 143.3190, 8.1530, 44.9930 by changing the saturation by 10% instead.

143.3190, 8.1530,
44.9930

143.3190, 8.1530,
44.9930

255.0000, -0.0000,
-0.0000

116.4930, 7.6030,
43.9470

196.4890, 13.4260,
43.0420

90.6670, 7.0530,
42.9010

218.6060, 17.0500,
32.4260

65.1400, 7.0990,
42.0670

235.0420, 9.3500,
17.7820

37.4930, 7.6030,
43.9470

252.0650, 1.3750,
2.6150

22.7600, 2.0570,
34.3210

13.5600, -3.6720,
22.5040

4.9360, -11.1430,

9.2170

■ 0.6840, -1.9260,
1.8660

■ 0.0000, 0.0000,
0.0000

■ 143.3190, 8.1530,
44.9930

■ 143.3190, 8.1530,
44.9930

■ 128.8990, 9.7560,
54.4920

■ 157.7390, 6.5500,
35.4940

■ 114.4790, 11.3590,
63.9910

■ 172.1590, 4.9470,
25.9950

■ 100.3580, 13.5580,
73.7020

■ 186.2800, 2.7480,
16.2840

■ 85.9380, 15.1610,
83.2010

■ 200.7000, 1.1450,
6.7850

70.9310, 17.0390,
93.2230

215.1200, -0.4580,
-2.7140

66.8110, 17.4970,
95.9370

230.1270, -2.3360,
-12.7360

241.6120, -2.5640,
-19.6200

243.4060, 1.0120,
-18.3480

245.4990, 5.1840,
-16.8640

Harmonies

Analogous

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



134.5970, -57.8200, 23.6520



143.3190, 8.1530, 44.9930



139.0780, 54.3680, 49.9520

Triad

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



143.3190, 8.1530, 44.9930



133.1160, 66.1180, -19.8500



115.4200, -99.0280, -33.5240

Complementary

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



143.3190, 8.1530, 44.9930



179.6810, -8.1530, -44.9930

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.



108.0900, -81.1440, -49.2720



143.3190, 8.1530, 44.9930



129.4010, 33.7980, -39.8500

Square

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



143.3190, 8.1530, 44.9930



135.5860, 80.5550, 10.3710



121.7660, -18.6980, -46.6180



119.0170, -113.2900, -17.3380

Rectangle

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



143.3190, 8.1530, 44.9930



136.0290, 73.2590, 43.4910



121.7660, -18.6980, -46.6180



113.3680, -93.2500, -39.1220

Sweetspot

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



143.3190, 8.1530, 44.9930



230.2800, 2.7480, 16.2840



142.6570, -40.8540, 13.5300



112.9930, 1.8780, 10.0220



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.



143.3190, 8.1530, 44.9930



157.3050, 11.9090, 65.0370



150.9490, 32.6820, 46.4900



97.3470, 0.6410, 4.9050



53.2380, 14.0160, 76.4160



13.0460, 3.5270, 18.6870

Inverse Universe

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



145.2490, 48.7320, 30.9400



160.0010, 70.4620, 44.6220



171.9370, -32.3610, -46.8010



97.6310, 5.5930, 3.2650



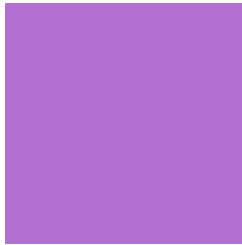
56.3880, 82.7940, 52.4100



13.7410, 20.2630, 12.7350

Previews

White Background



This preview shows how the YIQ color 143.3190, 8.1530, 44.9930 looks on a white background.

Color Contrast Check

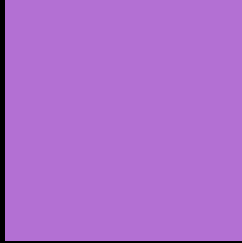
Large Text (above 18pt) WCAG AA ✓ Pass

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 143.3190, 8.1530, 44.9930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

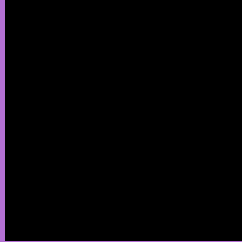
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 143.3190, 8.1530, 44.9930

Background



This preview shows how black text looks on a background with the YIQ color 143.3190, 8.1530, 44.9930.



This preview shows how white text looks on a background with the YIQ color 143.3190, 8.1530,

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

143.3190, 8.1530, 44.9930

Protanopia

136.1800, -52.2720, 22.2240

Deuteranopia

138.2660, -38.1950, 14.9010



Tritanopia

141.8010, 20.0340, 11.3780

Trichromacy



Original Color

143.3190, 8.1530, 44.9930

Protanomaly

138.6560, -29.9450, 30.5910

Deuteranomaly

140.0990, -21.1870, 26.0530

Tritanomaly

142.4390, 15.7220, 23.4500

Monochromacy



Original Color

143.3190, 8.1530, 44.9930

Achromatopsia

143.0000, -0.0000, 0.0000

Achromatomaly

143.2800, 2.7480, 16.2840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 143.3190, 8.1530, 44.9930 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(179, 112, 211)` looks like.

```
.text, #text, p{  
    color:rgb(179, 112, 211)  
}
```

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(179, 112, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 112, 211) }
```

Border

The CSS property to change the border of an element to YIQ 143.3190, 8.1530, 44.9930 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(179, 112, 211) }
```


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

```
.border{ border-color:rgb(179, 112, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 112, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 112, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 112, 211);  
box-shadow:4px 4px 4px 4px rgb(179, 112,  
211) }
```

Background

The CSS property to change the background color of an element to YIQ 143.3190, 8.1530, 44.9930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 112, 211) }
```

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

```
.background{ background-color: rgb(179,  
112, 211) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor