

Converting Colors

YIQ(141.1860, 0.3170, 21.7970)

Have a look what the booklet for
YIQ(141.1860, 0.3170, 21.7970)
contains.

YIQ(141.1860, 0.3170, 21.7970)	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(141.1860, 0.3170,
21.7970)**

Conversions

Conversions Part 1

Format	Color
Hex	9B7FB2
RGB	155, 127, 178
RGB Percent	61%, 50%, 70%
CMY	0.3921, 0.5020, 0.3020
CMYK	0.13, 0.29, 0.00, 0.30
HSL	273°, 25%, 60%
HSV	273°, 29%, 70%
XYZ	29.1452, 25.3607, 45.4733
YIQ	141.1860, 0.3170, 21.7970

Conversions

Conversions Part 2

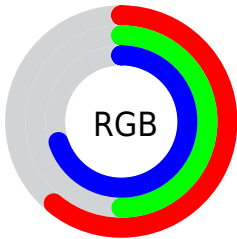
Format	Color
RYB	155, 127, 178
Decimal	10190770
CIELab	57.43, 20.68, -22.90
CIELCh	57, 30.856, 312.083
Yxy	25.3607, 0.2915, 0.2537
Android (android.graphics.Color)	4288380850 (0xFF9B7FB2)
YUV	141.1860, 18.1493, 12.1149
Hunter-Lab	50.3595, 15.1765, -18.2858

Details

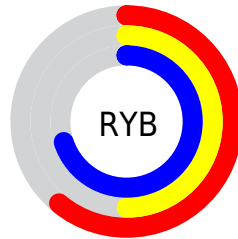
The YIQ color $141.1860, 0.3170, 21.7970$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $163.8140, -0.3170, -21.7970$, and the grayscale version is $141.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $195.1260, 0.5460, 23.1540$, and $90.8330, -0.1870, 19.9170$ is the 20% darker color. If you saturate the color by 10%, you get $128.2280, 0.4990, 29.5150$, and if you desaturate by 10%, it is $154.1440, 0.1350, 14.0790$.

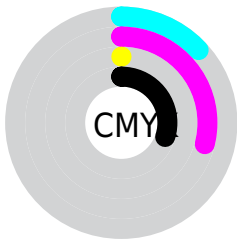
Distribution



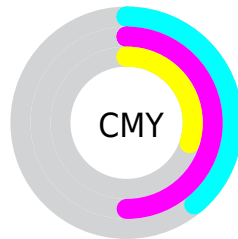
- Red (61%)
- Green (50%)
- Blue (70%)



- Red (61%)
- Yellow (50%)
- Blue (70%)



- Cyan (13%)
- Magenta (29%)
- Yellow (0%)
- Black (30%)



- Cyan (39%)
- Magenta (50%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 141.1860, 0.3170, 21.7970 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 141.1860, 0.3170, 21.7970 by changing the saturation by 10% instead.

■ 141.1860, 0.3170,
21.7970

■ 141.1860, 0.3170,
21.7970

■ 255.0000, -0.0000,
-0.0000

■ 115.6590, 0.3630,
20.9630

■ 195.1260, 0.5460,
23.1540

■ 90.8330, -0.1870,
19.9170

■ 222.3280, 2.7930,
20.9770

■ 66.7190, 0.1340,
19.6060

■ 243.8470, 5.2250,
9.9370

■ 44.4800, -0.6910,
18.0370

■ 22.6540, -1.2410,
16.9910

■ 4.5450, -8.4840,
10.5880

■ 0.3420, -0.9630,

0.9330

0.0000, 0.0000,
0.0000

141.1860, 0.3170,
21.7970

141.1860, 0.3170,
21.7970

128.2280, 0.4990,
29.5150

154.1440, 0.1350,
14.0790

115.2700, 0.6810,
37.2330

167.1020, -0.0470,
6.3610

102.8990, 0.5880,
44.4280

179.4730, 0.0460,
-0.8340

89.9410, 0.7700,
52.1460

192.4310, -0.1360,
-8.5520

76.9830, 0.9520,
59.8640

205.3890, -0.3180,
-16.2700

■ 64.0250, 1.1340,
67.5820

■ 218.3470, -0.5000,
-23.9880

■ 51.0670, 1.3160,
75.3000

■ 231.3050, -0.6820,
-31.7060

■ 49.5940, 1.2700,
76.1340

■ 235.4580, 3.2610,
-31.5790

■ 237.8500, 8.0290,
-29.8830

Harmonies

Analogous

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



137.0620, -28.9330, 12.2430



141.1860, 0.3170, 21.7970



141.3430, 24.8000, 24.1280

Triad

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



141.1860, 0.3170, 21.7970



137.6450, 37.3680, -5.4160



120.1490, -61.2960, -23.5040

Complementary

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



141.1860, 0.3170, 21.7970



163.8140, -0.3170, -21.7970

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.



126.8350, -31.1730, -24.2690



141.1860, 0.3170, 21.7970



135.2250, 20.6350, -16.0450

Square

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



141.1860, 0.3170, 21.7970



138.9700, 44.2430, 7.6590



131.7320, -3.0220, -22.3340



118.8240, -76.1980, -17.7500

Rectangle

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



141.1860, 0.3170, 21.7970



140.8080, 36.4920, 21.4840



131.7320, -3.0220, -22.3340



122.7110, -51.2550, -23.7590

Sweetspot

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



141.1860, 0.3170, 21.7970



216.9820, 0.4110, 9.0750



146.9020, -22.9710, 3.3090



107.5750, -0.0010, 5.5270



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



141.1860, 0.3170, 21.7970



175.1620, 0.8650, 33.8970



147.8350, 14.6670, 26.0510



82.5210, 0.0910, 3.8590



42.5580, 0.9510, 65.3910



7.1500, -0.0020, 11.0540

Inverse Universe

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



144.8710, 23.0130, 17.9650



180.7250, 35.5280, 27.9440



157.1650, -14.6670, -26.0510



83.1470, 4.0800, 3.1520



53.6130, 69.0390, 53.8950



9.0280, 11.9650, 8.9330

Previews

White Background



This preview shows how the YIQ color 141.1860, 0.3170, 21.7970 looks on a white background.

Color Contrast Check

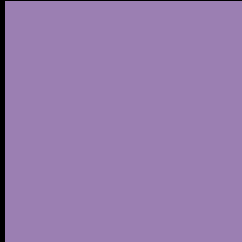
Large Text (above 18pt) WCAG AA ✓ Pass

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 141.1860, 0.3170, 21.7970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

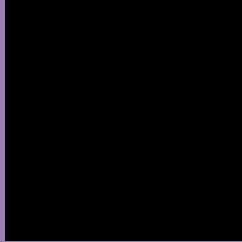
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 141.1860, 0.3170, 21.7970

Background



This preview shows how black text looks on a background with the YIQ color 141.1860, 0.3170, 21.7970.



This preview shows how white text looks on a background with the YIQ color 141.1860, 0.3170,

21.7970.

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

141.1860, 0.3170, 21.7970

Protanopia

137.9980, -22.8810, 12.6950

Deuteranopia

139.0650, -15.8200, 11.3800



Tritanopia

139.3370, 6.6010, 7.0250

Trichromacy



Original Color

141.1860, 0.3170, 21.7970

Protanomaly

139.1840, -14.5370, 15.6630

Deuteranomaly

140.1090, -9.9520, 15.1680

Tritanomaly

140.1290, 4.4910, 12.2270

Monochromacy



Original Color

141.1860, 0.3170, 21.7970

Achromatopsia

141.0000, -0.0000, -0.0000

Achromatomaly

141.0420, 0.1820, 7.7180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 141.1860, 0.3170, 21.7970 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(155, 127, 178)` looks like.

```
.text, #text, p{  
    color:rgb(155, 127, 178)  
}
```

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(155, 127, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 127, 178) }
```

Border

The CSS property to change the border of an element to YIQ 141.1860, 0.3170, 21.7970 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(155, 127, 178) }
```


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

```
.border{ border-color:rgb(155, 127, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 127, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 127, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 127, 178);  
box-shadow:4px 4px 4px 4px rgb(155, 127,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 141.1860, 0.3170, 21.7970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 127, 178) }
```

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

```
.background{ background-color: rgb(155,  
127, 178) }
```

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