

Converting Colors

YIQ(163.1880, -28.3870,
35.3970)

Have a look what the booklet for
YIQ(163.1880, -28.3870, 35.3970)
contains.

YIQ(163.1880, -28.3870, 35.3970)	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(163.1880, -28.3870,
35.3970)**

Conversions

Conversions Part 1

Format	Color
Hex	9E94FF
RGB	158, 148, 255
RGB Percent	62%, 58%, 100%
CMY	0.3803, 0.4196, 0.0002
CMYK	0.38, 0.42, 0.00, 0.00
HSL	246°, 100%, 79%
HSV	246°, 42%, 100%
XYZ	42.7363, 35.6668, 99.1976
YIQ	163.1880, -28.3870, 35.3970

Conversions

Conversions Part 2

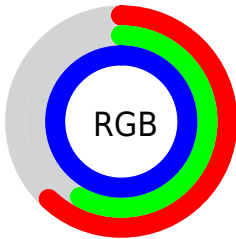
Format	Color
RYB	158, 148, 255
Decimal	10392831
CIELab	66.26, 28.46, -52.05
CIElCh	66, 59.323, 298.671
Yxy	35.6668, 0.2406, 0.2008
Android (android.graphics.Color)	4288582911 (0xFF9E94FF)
YUV	163.1880, 45.2633, -4.5499
Hunter-Lab	59.7217, 23.2201, -56.6754

Details

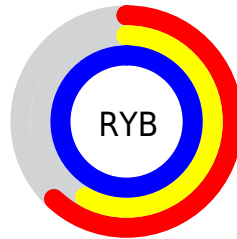
The YIQ color $163.1880, -28.3870, 35.3970$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $239.8120, 28.3870, -35.3970$, and the grayscale version is $163.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $212.2280, -8.6690, 19.4510$, and $110.0090, -29.4410, 32.4710$ is the 20% darker color. If you saturate the color by 10%, you get $141.6360, -35.2200, 43.5960$, and if you desaturate by 10%, it is $184.7400, -21.5540, 27.1980$.

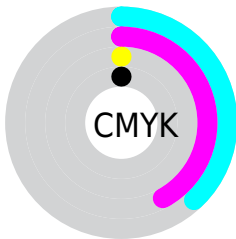
Distribution



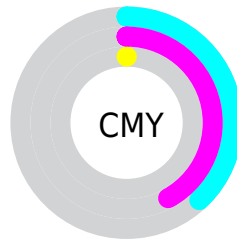
- Red (62%)
- Green (58%)
- Blue (100%)



- Red (62%)
- Yellow (58%)
- Blue (100%)



- Cyan (38%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 163.1880, -28.3870, 35.3970 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 163.1880, -28.3870, 35.3970 by changing the saturation by 10% instead.

■ 163.1880,
-28.3870, 35.3970

■ 163.1880,
-28.3870, 35.3970

■ 255.0000, -0.0000,
-0.0000

■ 136.2480,
-28.6160, 34.0400

■ 212.2280, -8.6690,
19.4510

■ 110.0090,
-29.4410, 32.4710

■ 237.3350, 0.9150,
10.9550

■ 84.0580, -31.1370,
30.1670

■ 58.7970, -34.8960,
26.7040

■ 30.9480, -45.8070,
20.6970

■ 16.2440, -31.9610,
23.0710

■ 7.6380, -21.5070,

20.8370

■ 6.7770, -14.9490,
12.1150

■ 3.0950, -7.3370,
6.3190

■ 163.1880,
-28.3870, 35.3970

■ 163.1880,
-28.3870, 35.3970

■ 141.6360,
-35.2200, 43.5960

■ 184.7400,
-21.5540, 27.1980

■ 119.4970,
-41.7780, 52.3180

■ 206.8790,
-14.9960, 18.4760

■ 97.9450, -48.6110,
60.5170

■ 228.4310, -8.1630,
10.2770

■ 75.8060, -55.1690,
69.2390

■ 250.5700, -1.6050,
1.5550

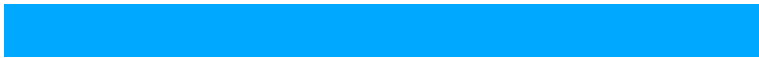
■ 54.2540, -62.0020, 255.0000, -0.0000,
77.4380 -0.0000

■ 36.2460, -67.5510,
84.3930

Harmonies

Analogous

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



127.6860, -128.0550, -8.5590



163.1880, -28.3870, 35.3970



165.6760, 29.1970, 49.0770

Triad

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



163.1880, -28.3870, 35.3970



158.0660, 78.7230, -0.4850



127.6670, -101.8220, -48.9740

Complementary

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



163.1880, -28.3870, 35.3970



239.8120, 28.3870, -35.3970

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.



137.7120, -44.9690, -49.5850



163.1880, -28.3870, 35.3970



155.3980, 56.2160, -27.6240

Square

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



163.1880, -28.3870, 35.3970



158.3930, 83.2570, 27.4890



150.0660, 15.6880, -42.0400



133.2360, -118.8810, -31.6570

Rectangle

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



163.1880, -28.3870, 35.3970



162.6330, 57.1190, 49.6550



150.0660, 15.6880, -42.0400



124.9140, -95.4480, -54.3600

Sweetspot

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



163.1880, -28.3870, 35.3970



226.6590, -8.8050, 10.8990



217.7240, -61.2970, -17.9770



109.9920, -5.5490, 6.9550



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.



163.1880, -28.3870, 35.3970



145.7670, -34.2110, 41.8290



178.7360, 2.6050, 46.4210



116.7810, -3.5770, 4.2550



27.1560, -50.5830, 63.2170



9.0900, -16.9680, 21.1760

Inverse Universe

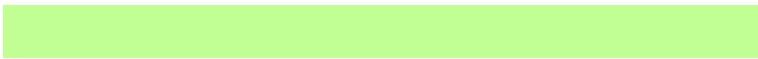
The Inverse Universe completely reimagines the original color for something new.



191.0510, 32.6350, 52.8510



179.0830, 38.7770, 62.6890



224.2640, -2.6050, -46.4210



120.1410, 4.2170, 6.1770



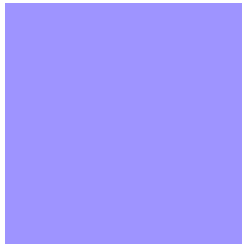
76.8310, 58.3030, 94.2950



25.7480, 19.5260, 31.6060

Previews

White Background



This preview shows how the YIQ color 163.1880, -28.3870, 35.3970 looks on a white background.

Color Contrast Check

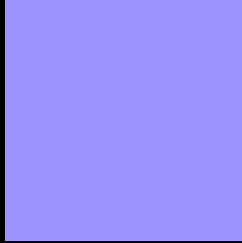
Large Text (above 18pt) WCAG AA × Fail

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 163.1880, -28.3870, 35.3970 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 163.1880, -28.3870, 35.3970

Background



This preview shows how black text looks on a background with the YIQ color 163.1880, -28.3870, 35.3970.



This preview shows how white text looks on a background with the YIQ color 163.1880, -28.3870, 35.3970.

35.3970.

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

163.1880, -28.3870, 35.3970

Protanopia

158.8920, -51.4010, 22.9590

Deuteranopia

156.7230, -58.4150, 17.9130



Tritanopia

159.0070, -19.0730, -1.2570

Trichromacy



Original Color

163.1880, -28.3870, 35.3970

Protanomaly

160.1320, -43.1490, 27.5950

Deuteranomaly

158.9850, -47.2290, 24.4430

Tritanomaly

160.7700, -22.2390, 12.0730

Monochromacy



Original Color

163.1880, -28.3870, 35.3970

Achromatopsia

163.0000, -0.0000, -0.0000

Achromatomaly

163.2290, -10.4100, 12.4540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.1880, -28.3870, 35.3970 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(158, 148, 255)` looks like.

```
.text, #text, p{  
    color:rgb(158, 148, 255)  
}
```

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(158, 148, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 148, 255) }
```

Border

The CSS property to change the border of an element to YIQ 163.1880, -28.3870, 35.3970 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(158, 148, 255) }
```


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

```
.border{ border-color:rgb(158, 148, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 148, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 148, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 148, 255);  
box-shadow:4px 4px 4px 4px rgb(158, 148,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 163.1880, -28.3870, 35.3970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 148, 255) }
```

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

```
.background{ background-color: rgb(158,  
148, 255) }
```

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