

Converting Colors

YIQ(156.2760, -34.9870,
22.8450)

Have a look what the booklet for
YIQ(156.2760, -34.9870, 22.8450)
contains.

YIQ(156.2760, -34.9870, 22.8450)	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(156.2760, -34.9870,
22.8450)**

Conversions

Conversions Part 1

Format	Color
Hex	8997EA
RGB	137, 151, 234
RGB Percent	54%, 59%, 92%
CMY	0.4627, 0.4078, 0.0826
CMYK	0.41, 0.35, 0.00, 0.08
HSL	231°, 70%, 73%
HSV	231°, 41%, 92%
XYZ	36.2287, 33.3915, 82.3386
YIQ	156.2760, -34.9870, 22.8450

Conversions

Conversions Part 2

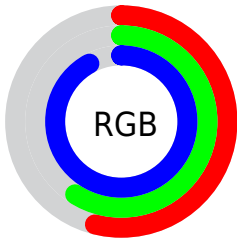
Format	Color
RYB	137, 149, 234
Decimal	9017322
CIELab	64.48, 15.65, -43.46
CIELCh	64, 46.190, 289.799
Yxy	33.3915, 0.2384, 0.2197
Android (android.graphics.Color)	4287207402 (0xFF8997EA)
YUV	156.2760, 38.3179, -16.9051
Hunter-Lab	57.7854, 10.7868, -44.0328

Details

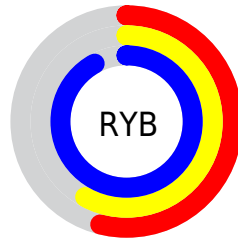
The YIQ color $156.2760, -34.9870, 22.8450$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $214.7240, 34.9870, -22.8450$, and the grayscale version is $156.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $207.4110, -22.6060, 13.2180$, and $103.2110, -36.3620, 20.2300$ is the 20% darker color. If you saturate the color by 10%, you get $137.6590, -43.1950, 28.4290$, and if you desaturate by 10%, it is $174.8930, -26.7790, 17.2610$.

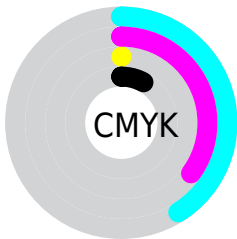
Distribution



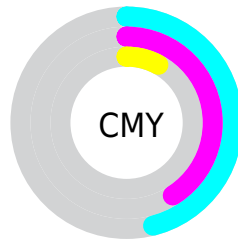
- Red (54%)
- Green (59%)
- Blue (92%)



- Red (54%)
- Yellow (58%)
- Blue (92%)



- Cyan (41%)
- Magenta (35%)
- Yellow (0%)
- Black (8%)



- Cyan (46%)
- Magenta (41%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 156.2760, -34.9870, 22.8450 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 156.2760, -34.9870, 22.8450 by changing the saturation by 10% instead.

■ 156.2760,
-34.9870, 22.8450

■ 156.2760,
-34.9870, 22.8450

■ 255.0000, -0.0000,
-0.0000

■ 129.4500,
-35.5370, 21.7990

■ 207.4110,
-22.6060, 13.2180

■ 103.2110,
-36.3620, 20.2300

■ 232.5180,
-13.0220, 4.7220

■ 78.2600, -38.0580,
17.9260

■ 254.1030, -1.7880,
-0.6360

■ 50.9170, -44.5220,
13.9260

■ 31.2440, -41.1290,
13.0070

■ 15.5940, -27.3750,
17.0490

■ 8.1620, -17.4710,

13.7690

■ 4.4800, -9.8590,
7.9730

■ 0.0000, 0.0000,
0.0000

■ 156.2760,
-34.9870, 22.8450

■ 156.2760,
-34.9870, 22.8450

■ 137.6590,
-43.1950, 28.4290

■ 174.8930,
-26.7790, 17.2610

■ 118.7430,
-51.9990, 33.8010

■ 193.8090,
-17.9750, 11.8890

■ 100.1260,
-60.2070, 39.3850

■ 212.4260, -9.7670,
6.3050

■ 81.2100, -69.0110,
44.7570

■ 231.3420, -0.9630,
0.9330

■ 62.5930, -77.2190,
50.3410

■ 249.9590, 7.2450,
-4.6510

■ 46.6340, -84.4640,
54.9920

■ 252.6060, 6.7410,
-6.5310

Harmonies

Analogous

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



135.5340, -98.2080, -4.3200



156.2760, -34.9870, 22.8450



161.1910, 11.0890, 35.8330

Triad

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



156.2760, -34.9870, 22.8450



155.8660, 64.9670, 6.5270



127.6330, -78.1190, -43.5190

Complementary

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



156.2760, -34.9870, 22.8450



214.7240, 34.9870, -22.8450

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.



144.1720, -16.5450, -36.0730



156.2760, -34.9870, 22.8450



153.6060, 50.2990, -13.9970

Square

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



156.2760, -34.9870, 22.8450



157.1010, 63.5880, 26.0200



149.8040, 22.8380, -28.4420



124.7610, -107.4180, -35.6580

Rectangle

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



156.2760, -34.9870, 22.8450



160.3480, 35.5720, 38.1640



149.8040, 22.8380, -28.4420



135.9260, -51.0230, -38.9830

Sweetspot

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



156.2760, -34.9870, 22.8450



230.4690, -11.3260, 7.0260



203.2870, -52.9970, -25.2290



113.2260, -6.3280, 4.5520



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.



156.2760, -34.9870, 22.8450



153.0440, -45.7170, 30.0830



158.2240, -10.8730, 37.3750



107.8410, -3.8060, 2.8980



35.8960, -65.2510, 42.6930



10.8520, -19.5340, 12.6100

Inverse Universe

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



167.5990, 53.3180, 24.9180



168.0250, 69.9140, 32.5220



212.7760, 10.8730, -37.3750



109.4030, 6.2350, 2.6430



57.0830, 99.5300, 46.4580



17.0580, 29.6160, 13.9360

Previews

White Background



This preview shows how the YIQ color 156.2760, -34.9870, 22.8450 looks on a white background.

Color Contrast Check

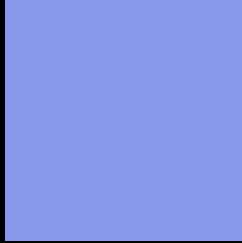
Large Text (above 18pt) WCAG AA × Fail

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 156.2760, -34.9870, 22.8450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

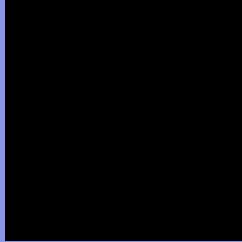
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 156.2760, -34.9870, 22.8450

Background



This preview shows how black text looks on a background with the YIQ color 156.2760, -34.9870, 22.8450.



This preview shows how white text looks on a background with the YIQ color 156.2760, -34.9870,

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

156.2760, -34.9870, 22.8450

Protanopia

154.6880, -42.1390, 20.3010

Deuteranopia

153.7260, -45.3020, 17.0500



Tritanopia

152.2230, -28.6090, -4.6490

Trichromacy



Original Color

156.2760, -34.9870, 22.8450

Protanomaly

155.1830, -39.1590, 21.3610

Deuteranomaly

154.9330, -41.4510, 18.8450

Tritanomaly

153.7640, -31.2700, 5.0340

Monochromacy



Original Color

156.2760, -34.9870, 22.8450

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

155.9250, -12.6100, 8.2700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.2760, -34.9870, 22.8450 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(137, 151, 234)` looks like.

```
.text, #text, p{  
    color:rgb(137, 151, 234)  
}
```

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(137, 151, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 151, 234) }
```

Border

The CSS property to change the border of an element to YIQ 156.2760, -34.9870, 22.8450 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(137, 151, 234) }
```


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

```
.border{ border-color:rgb(137, 151, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 151, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 151, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 151, 234);  
box-shadow:4px 4px 4px 4px rgb(137, 151,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 156.2760, -34.9870, 22.8450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 151, 234) }
```

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

```
.background{ background-color: rgb(137,  
151, 234) }
```

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