

Converting Colors

YIQ(99.6810, -67.7650, 0.1310)

Have a look what the booklet for
YIQ(99.6810, -67.7650, 0.1310)
contains.

YIQ(99.6810, -67.7650, 0.1310)	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(99.6810, -67.7650,
0.1310)**

Conversions

Conversions Part 1

Format	Color
Hex	2376AF
RGB	35, 118, 175
RGB Percent	14%, 46%, 69%
CMY	0.8629, 0.5371, 0.3140
CMYK	0.80, 0.33, 0.00, 0.31
HSL	204°, 67%, 41%
HSV	204°, 80%, 69%
XYZ	14.9043, 16.4137, 42.8990
YIQ	99.6810, -67.7650, 0.1310

Conversions

Conversions Part 2

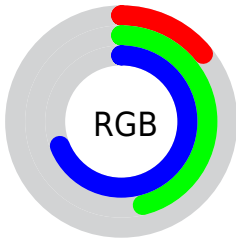
Format	Color
R_{YB}	35, 87, 175
Decimal	2324143
CIE _{Lab}	47.51, -4.14, -37.12
CIE _{LCh}	48, 37.345, 263.642
Yxy	16.4137, 0.2008, 0.2212
Android (android.graphics.Color)	4280514223 (0xFF2376AF)
YUV	99.6810, 37.1323, -56.7252
Hunter-Lab	40.5139, -5.2323, -34.4208

Details

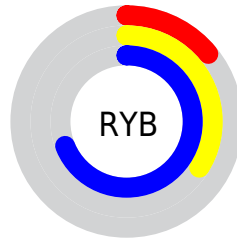
The YIQ color **99.6810, -67.7650, 0.1310** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **110.3190, 67.7650, -0.1310**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **156.6220, -60.1090, 4.5550**, and **54.9980, -58.4120, 1.3320** is the 20% darker color. If you saturate the color by 10%, you get **90.1900, -76.5680, -0.0240**, and if you desaturate by 10%, it is **108.8730, -59.5580, 0.0740**.

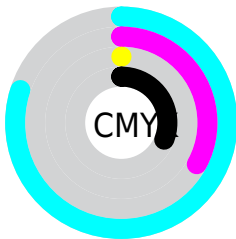
Distribution



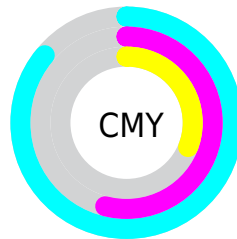
- Red (14%)
- Green (46%)
- Blue (69%)



- Red (14%)
- Yellow (34%)
- Blue (69%)



- Cyan (80%)
- Magenta (33%)
- Yellow (0%)
- Black (31%)



- Cyan (86%)
- Magenta (54%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.6810, -67.7650, 0.1310 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 99.6810, -67.7650, 0.1310 by changing the saturation by 10% instead.

■ 99.6810, -67.7650,
0.1310

■ 99.6810, -67.7650,
0.1310

■ 255.0000, -0.0000,
-0.0000

■ 72.0500, -73.3580,
-3.1340

■ 156.6220,
-60.1090, 4.5550

■ 54.9980, -58.4120,
1.3320

■ 184.1770,
-57.3580, 4.2580

■ 39.2340, -44.3370,
5.0630

■ 209.2840,
-47.7740, -4.2380

■ 24.7580, -31.1330,
8.0590

■ 234.9780,
-38.4650, -13.2570

■ 8.0480, -17.1500,
13.4580

■ 244.5350,
-20.8600, -7.4200

■ 3.7790, -9.2630,
8.1850

■ 253.5050, -2.9800,

■ 0.0000, 0.0000,

-1.0600

0.0000

■ 99.6810, -67.7650,
0.1310

■ 99.6810, -67.7650,
0.1310

■ 90.1900, -76.5680,
-0.0240

■ 108.8730,
-59.5580, 0.0740

■ 80.9980, -84.7750,
0.0330

■ 118.3640,
-50.7550, 0.2290

■ 127.5560,
-42.5480, 0.1720

■ 137.0470,
-33.7450, 0.3270

■ 146.8260,
-25.8130, -0.2530

■ 156.3170,
-17.0100, -0.0980

■ 165.5090, -8.8030,
-0.1550

■ 175.0000, -0.0000,
-0.0000

■ 184.1920, 8.2070,
-0.0570

Harmonies

Analogous

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



91.9570, -86.6980, -14.6820



99.6810, -67.7650, 0.1310



113.2850, -22.0110, 18.9570

Triad

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



99.6810, -67.7650, 0.1310



113.2300, 49.7430, 18.1190



102.4420, -17.0050, -27.7330

Complementary

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



99.6810, -67.7650, 0.1310



110.3190, 67.7650, -0.1310

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.



107.3010, 14.3090, -22.5470



99.6810, -67.7650, 0.1310



111.9610, 48.4620, 2.7820

Square

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



99.6810, -67.7650, 0.1310



114.7960, 36.7660, 27.5340



110.5320, 35.9480, -12.7240



87.1060, -68.9050, -34.2890

Rectangle

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



99.6810, -67.7650, 0.1310



116.1910, 1.9210, 25.7690



110.5320, 35.9480, -12.7240



104.2430, -6.1390, -26.4190

Sweetspot

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



99.6810, -67.7650, 0.1310



197.6410, -26.7300, -0.1540



123.5640, -56.4760, -55.8040



96.6160, -16.4140, 0.1140



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



99.6810, -67.7650, 0.1310



109.5750, -105.4530, 0.3310



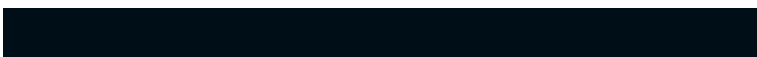
59.1780, -48.7900, 36.2180



81.9610, -4.2640, 0.1840



69.3430, -72.6250, 0.1030



10.8400, -11.2330, -0.1690

Inverse Universe

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



86.3220, 56.7970, 55.4930



88.8880, 88.5190, 86.3350



150.8220, 48.7900, -36.2180



81.2610, 3.7590, 3.4630



54.9960, 60.8310, 59.4790



8.4730, 9.2140, 9.2300

Previews

White Background



This preview shows how the YIQ color 99.6810, -67.7650, 0.1310 looks on a white 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

Black Background



This preview shows how the YIQ color 99.6810, -67.7650, 0.1310 looks on a black 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

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

YIQ 99.6810, -67.7650, 0.1310

Background



This preview shows how black text looks on a background with the YIQ color 99.6810, -67.7650, 0.1310.

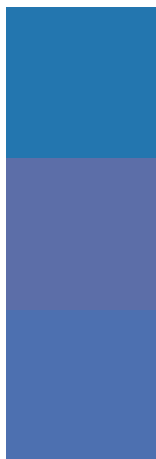


This preview shows how white text looks on a background with the YIQ color 99.6810, -67.7650,

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

99.6810, -67.7650, 0.1310

Protanopia

111.2300, -29.3460, 14.2220

Deuteranopia

108.8310, -41.4040, 12.4840



Tritanopia

88.6510, -77.3890, -23.7010

Trichromacy



Original Color

99.6810, -67.7650, 0.1310

Protanomaly

107.0540, -43.6500, 9.1340

Deuteranomaly

105.5200, -50.8940, 8.2580

Tritanomaly

92.4870, -73.6310, -14.7110

Monochromacy



Original Color

99.6810, -67.7650, 0.1310

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

100.0110, -24.8960, -0.3520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.6810, -67.7650, 0.1310 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(35, 118, 175)` looks like.

```
.text, #text, p{  
    color:rgb(35, 118, 175)  
}
```

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(35, 118, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 118, 175) }
```

Border

The CSS property to change the border of an element to YIQ 99.6810, -67.7650, 0.1310 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(35, 118, 175) }
```


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

```
.border{ border-color:rgb(35, 118, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 118, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 118, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 118, 175);  
box-shadow:4px 4px 4px 4px rgb(35, 118,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 99.6810, -67.7650, 0.1310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 118, 175) }
```

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

```
.background{ background-color: rgb(35, 118,  
175) }
```

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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