

Converting Colors

YIQ(119.6740, -67.0280,
-18.7400)

Have a look what the booklet for
YIQ(119.6740, -67.0280, -18.7400)
contains.

YIQ(119.6740, -67.0280, -18.7400)	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(119.6740, -67.0280,
-18.7400)**

Conversions

Conversions Part 1

Format	Color
Hex	2C96A2
RGB	44, 150, 162
RGB Percent	17%, 59%, 64%
CMY	0.8277, 0.4116, 0.3650
CMYK	0.73, 0.07, 0.00, 0.36
HSL	186°, 57%, 40%
HSV	186°, 73%, 64%
XYZ	18.4648, 24.9672, 37.9957
YIQ	119.6740, -67.0280, -18.7400

Conversions

Conversions Part 2

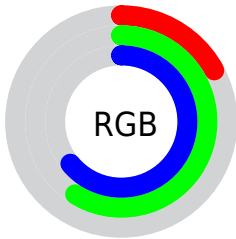
Format	Color
R_{YB}	44, 100, 162
Decimal	2922146
CIE _{Lab}	57.04, -25.26, -14.87
CIE _{LCh}	57, 29.311, 210.483
Yxy	24.9672, 0.2268, 0.3066
Android (android.graphics.Color)	4281112226 (0xFF2C96A2)
YUV	119.6740, 20.8667, -66.3661
Hunter-Lab	49.9671, -21.4797, -10.1079

Details

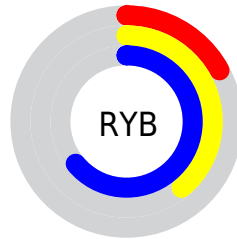
The YIQ color **119.6740, -67.0280, -18.7400** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **86.3260, 67.0280, 18.7400**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.7780, -61.3890, -16.3090**, and **70.6530, -62.5350, -17.5670** is the 20% darker color. If you saturate the color by 10%, you get **113.7160, -76.0140, -21.0860**, and if you desaturate by 10%, it is **125.6320, -58.0420, -16.3940**.

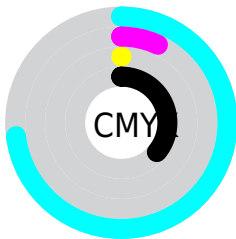
Distribution



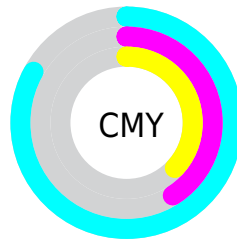
- Red (17%)
- Green (59%)
- Blue (64%)



- Red (17%)
- Yellow (39%)
- Blue (64%)



- Cyan (73%)
- Magenta (7%)
- Yellow (0%)
- Black (36%)



- Cyan (83%)
- Magenta (41%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.6740, -67.0280, -18.7400 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 119.6740, -67.0280, -18.7400 by changing the saturation by 10% instead.

■ 119.6740,
-67.0280, -18.7400

■ 119.6740,
-67.0280, -18.7400

■ 255.0000, -0.0000,
-0.0000

■ 88.2920, -77.7560,
-22.5560

■ 177.3650,
-61.6640, -16.8320

■ 70.6530, -62.5350,
-17.5670

■ 205.6640,
-61.0680, -16.6200

■ 53.8290, -48.2310,
-12.4790

■ 228.3890,
-53.0440, -18.8680

■ 37.1190, -34.2480,
-7.0800

■ 237.0600,
-35.7600, -12.7200

■ 23.4580, -21.9610,
-3.9850

■ 246.0300,
-17.8800, -6.3600

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,

0.0000

■ 119.6740,
-67.0280, -18.7400

■ 119.6740,
-67.0280, -18.7400

■ 113.7160,
-76.0140, -21.0860

■ 125.6320,
-58.0420, -16.3940

■ 108.3450,
-85.2750, -23.9550

■ 131.0030,
-48.7810, -13.5250

■ 104.1700,
-92.1520, -25.9760

■ 137.2600,
-39.1990, -10.9670

■ 143.2180,
-30.2130, -8.6210

■ 148.5890,
-20.9520, -5.7520

■ 154.5470,
-11.9660, -3.4060

■ 159.9180, -2.7050,
-0.5370

■ 165.8760, 6.2810,
1.8090

■ 172.1330, 15.8630,
4.3670

Harmonies

Analogous

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



123.5760, -46.4410, -22.8970



119.6740, -67.0280, -18.7400



124.8740, -61.2990, -6.9230

Triad

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



119.6740, -67.0280, -18.7400



140.9120, 15.7680, 22.6160



135.0950, 27.0530, -11.2110

Complementary

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



119.6740, -67.0280, -18.7400



86.3260, 67.0280, 18.7400

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.



137.4760, 39.5220, -0.3980



119.6740, -67.0280, -18.7400



139.6120, 34.1080, 20.6360

Square

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



119.6740, -67.0280, -18.7400



139.1030, -9.8150, 18.1930



138.8220, 41.9040, 11.5040



132.4020, 6.8350, -19.2530

Rectangle

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



119.6740, -67.0280, -18.7400



130.9840, -46.6290, 2.5470



138.8220, 41.9040, 11.5040



136.4270, 32.0500, -8.1580

Sweetspot

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



119.6740, -67.0280, -18.7400



195.0120, -26.6370, -7.3490



114.6340, -36.3020, -57.9820



96.8670, -15.8630, -4.3670



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



119.6740, -67.0280, -18.7400



145.8310, -104.4390, -29.0710



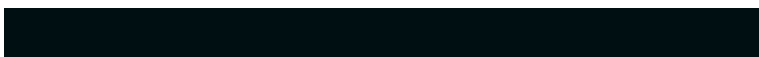
85.0410, -50.8030, 12.1170



78.7220, -5.0890, -1.3850



93.4270, -82.5700, -23.4180



11.4440, -10.1780, -2.7700

Inverse Universe

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



91.3660, 36.3020, 57.9820



101.8260, 56.6990, 90.3230



120.9590, 50.8030, -12.1170



76.6030, 2.7960, 4.3960



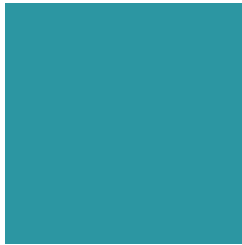
58.2890, 44.3690, 71.4810



7.2060, 5.5920, 8.7920

Previews

White Background



This preview shows how the YIQ color 119.6740, -67.0280, -18.7400 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 119.6740, -67.0280, -18.7400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

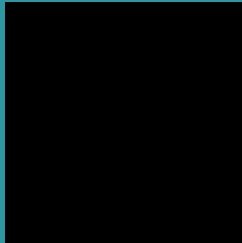
Any Text WCAG AA ✓ Pass

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 119.6740, -67.0280, -18.7400 Background



This preview shows how black text looks on a background with the YIQ color 119.6740, -67.0280, -18.7400.



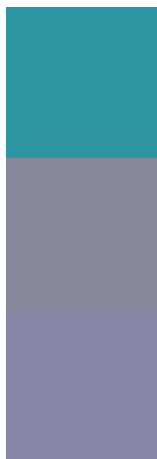
This preview shows how white text looks on a background with the YIQ color 119.6740, -67.0280, -18.7400.

-18.7400.

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

119.6740, -67.0280, -18.7400

Protanopia

136.6390, -6.0530, 5.0750

Deuteranopia

137.0610, -9.9970, 10.4750



Tritanopia

119.6740, -67.0280, -18.7400

Trichromacy



Original Color

119.6740, -67.0280, -18.7400

Protanomaly

130.1630, -28.3800, -3.2920

Deuteranomaly

130.6020, -30.9940, 0.0300

Tritanomaly

119.6740, -67.0280, -18.7400

Monochromacy



Original Color

119.6740, -67.0280, -18.7400

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

119.7950, -24.5280, -7.0240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.6740, -67.0280, -18.7400 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(44, 150, 162)` looks like.

```
.text, #text, p{  
    color:rgb(44, 150, 162)  
}
```

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(44, 150, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 150, 162) }
```

Border

The CSS property to change the border of an element to YIQ 119.6740, -67.0280, -18.7400 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(44, 150, 162) }
```


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

```
.border{ border-color:rgb(44, 150, 162) }
```

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

Here you see how a box with a 4 pixel rgb(44, 150, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 150, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 150, 162);  
box-shadow:4px 4px 4px 4px rgb(44, 150,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 119.6740, -67.0280, -18.7400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 150, 162) }
```

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

```
.background{ background-color: rgb(44, 150,  
162) }
```

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