

Converting Colors

YIQ(84.6260, -67.0730,
-23.4330)

Have a look what the booklet for
YIQ(84.6260, -67.0730, -23.4330)
contains.

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Color

**YIQ(84.6260, -67.0730,
-23.4330)**

Conversions

Conversions Part 1

Format	Color
Hex	067677
RGB	6, 118, 119
RGB Percent	2%, 46%, 47%
CMY	0.9767, 0.5371, 0.5336
CMYK	0.95, 0.01, 0.00, 0.53
HSL	180°, 90%, 24%
HSV	180°, 95%, 47%
XYZ	9.8839, 14.3365, 19.6776
YIQ	84.6260, -67.0730, -23.4330

Conversions

Conversions Part 2

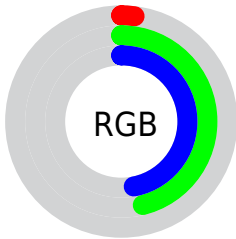
Format	Color
RYB	6, 62, 119
Decimal	423543
CIELab	44.71, -26.56, -8.40
CIELCh	45, 27.859, 197.548
Yxy	14.3365, 0.2252, 0.3266
Android (android.graphics.Color)	4278613623 (0xFF067677)
YUV	84.6260, 16.9464, -68.9550
Hunter-Lab	37.8636, -19.6656, -4.3084

Details

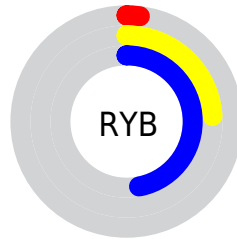
The YIQ color **84.6260, -67.0730, -23.4330** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **40.3740, 67.0730, 23.4330**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **144.0900, -53.6400, -19.0800**, and **48.5970, -41.7660, -14.0060** is the 20% darker color. If you saturate the color by 10%, you get **82.8320, -70.6490, -24.7050**, and if you desaturate by 10%, it is **88.2140, -59.9210, -20.8890**.

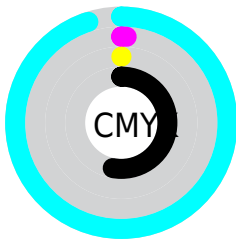
Distribution



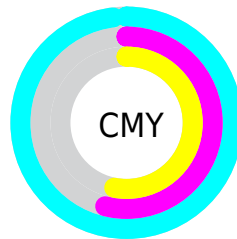
- Red (2%)
- Green (46%)
- Blue (47%)



- Red (2%)
- Yellow (24%)
- Blue (47%)



- Cyan (95%)
- Magenta (1%)
- Yellow (0%)
- Black (53%)



- Cyan (98%)
- Magenta (54%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 84.6260, -67.0730, -23.4330 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 84.6260, -67.0730, -23.4330 by changing the saturation by 10% instead.

84.6260, -67.0730,
-23.4330

84.6260, -67.0730,
-23.4330

255.0000, -0.0000,
-0.0000

65.3070, -55.7490,
-19.4050

144.0900,
-53.6400, -19.0800

48.5970, -41.7660,
-14.0060

171.3890,
-53.0440, -18.8680

32.4740, -28.0580,
-9.1300

199.6880,
-52.4480, -18.6560

18.3400, -15.8170,
-5.2010

228.3890,
-53.0440, -18.8680

0.0000, 0.0000,
0.0000

237.0600,
-35.7600, -12.7200

245.7310,

-18.4760, -6.5720

254.7010, -0.5960,
-0.2120

■ 84.6260, -67.0730,
-23.4330

■ 84.6260, -67.0730,
-23.4330

■ 82.8320, -70.6490,
-24.7050

■ 88.2140, -59.9210,
-20.8890

■ 91.8020, -52.7690,
-18.3450

■ 95.3900, -45.6170,
-15.8010

■ 98.9780, -38.4650,
-13.2570

■ 102.8540,
-32.1840, -11.4480

■ 106.4420,
-25.0320, -8.9040

■ 110.0300,
-17.8800, -6.3600

■ 113.6180,
-10.7280, -3.8160

■ 117.2060, -3.5760,
-1.2720

Harmonies

Analogous

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



94.4590, -32.8700, -21.0460



84.6260, -67.0730, -23.4330



83.9380, -76.5190, -17.4390

Triad

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



84.6260, -67.0730, -23.4330



108.7580, 4.3980, 19.4220



104.6980, 29.8490, -6.8150

Complementary

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



84.6260, -67.0730, -23.4330



40.3740, 67.0730, 23.4330

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.



106.2680, 37.4120, 4.8040



84.6260, -67.0730, -23.4330



108.8220, 24.7090, 20.2690

Square

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



84.6260, -67.0730, -23.4330



105.6670, -20.4510, 12.7090



107.4070, 35.9430, 14.9110



102.9300, 14.2160, -15.3520

Rectangle

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



84.6260, -67.0730, -23.4330



94.5650, -55.9350, -5.0150



107.4070, 35.9430, 14.9110



105.0730, 33.2870, -3.0410

Sweetspot

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



84.6260, -67.0730, -23.4330



141.6590, -27.1410, -9.2290



72.3310, -31.0750, -59.0990



70.6280, -16.6880, -5.9360



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



84.6260, -67.0730, -23.4330



108.1820, -92.4260, -32.0260



51.7540, -51.6730, 5.8550



57.2060, -3.5760, -1.2720



84.9350, -72.4370, -25.3410



174.0760, -148.4500, -51.9540

Inverse Universe

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



52.5550, 31.3960, 58.7880



64.2000, 43.5420, 80.9660



72.6590, 51.9480, -5.3320



55.4780, 1.6500, 3.1380



50.2720, 33.8710, 63.4950



103.0220, 69.3920, 130.1280

Previews

White Background



This preview shows how the YIQ color 84.6260, -67.0730, -23.4330 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 84.6260, -67.0730, -23.4330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

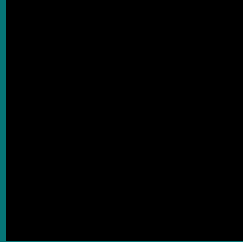
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 84.6260, -67.0730, -23.4330

Background



This preview shows how black text looks on a background with the YIQ color 84.6260, -67.0730, -23.4330.



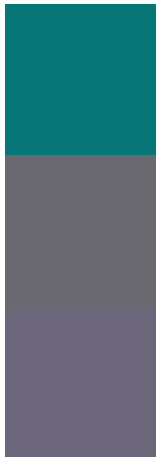
This preview shows how white text looks on a background with the YIQ color 84.6260, -67.0730,

-23.4330.

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

84.6260, -67.0730, -23.4330

Protanopia

105.9830, -1.3300, 2.0780

Deuteranopia

106.6610, -3.1190, 6.9690



Tritanopia

89.3220, -60.1050, -17.5530

Trichromacy



Original Color

84.6260, -67.0730, -23.4330

Protanomaly

98.4960, -25.1240, -7.2360

Deuteranomaly

98.4190, -26.2250, -3.8010

Tritanomaly

87.4850, -62.1220, -19.5460

Monochromacy



Original Color

84.6260, -67.0730, -23.4330

Achromatopsia

85.0000, -0.0000, 0.0000

Achromatomaly

84.7410, -24.4360, -8.6920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 84.6260, -67.0730, -23.4330 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(6, 118, 119)` looks like.

```
.text, #text, p{  
    color:rgb(6, 118, 119)  
}
```

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(6, 118, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 118, 119) }
```

Border

The CSS property to change the border of an element to YIQ 84.6260, -67.0730, -23.4330 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(6, 118, 119) }
```


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

```
.border{ border-color:rgb(6, 118, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 118, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 118, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 118, 119);  
box-shadow:4px 4px 4px 4px rgb(6, 118,  
119) }
```

Background

The CSS property to change the background color of an element to YIQ 84.6260, -67.0730, -23.4330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 118, 119) }
```

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

```
.background{ background-color: rgb(6, 118,  
119) }
```

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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