

Converting Colors

YIQ(84.7720, -70.4200,
-23.3480)

Have a look what the booklet for
YIQ(84.7720, -70.4200, -23.3480)
contains.

YIQ(84.7720, -70.4200, -23.3480)	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(84.7720, -70.4200,
-23.3480)**

Conversions

Conversions Part 1

Format	Color
Hex	03777B
RGB	3, 119, 123
RGB Percent	1%, 47%, 48%
CMY	0.9884, 0.5331, 0.5179
CMYK	0.98, 0.03, 0.00, 0.52
HSL	182°, 95%, 25%
HSV	182°, 98%, 48%
XYZ	10.2100, 14.6524, 21.0053
YIQ	84.7720, -70.4200, -23.3480

Conversions

Conversions Part 2

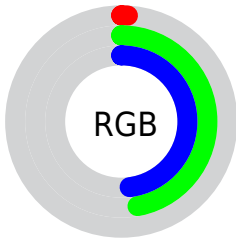
Format	Color
RYB	3, 62, 123
Decimal	227195
CIELab	45.15, -25.91, -10.12
CIELCh	45, 27.821, 201.341
Yxy	14.6524, 0.2226, 0.3194
Android (android.graphics.Color)	4278417275 (0xFF03777B)
YUV	84.7720, 18.8464, -71.7140
Hunter-Lab	38.2785, -19.3764, -5.7405

Details

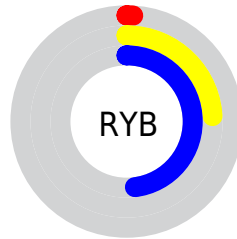
The YIQ color **84.7720, -70.4200, -23.3480** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **41.2280, 70.4200, 23.3480**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **145.1330, -55.1990, -18.3590**, and **49.5260, -43.0040, -13.5960** is the 20% darker color. If you saturate the color by 10%, you get **83.8750, -72.2080, -23.9840**, and if you desaturate by 10%, it is **88.3600, -63.2680, -20.8040**.

Distribution



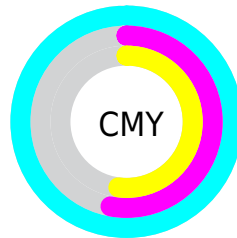
- Red (1%)
- Green (47%)
- Blue (48%)



- Red (1%)
- Yellow (24%)
- Blue (48%)



- Cyan (98%)
- Magenta (3%)
- Yellow (0%)
- Black (52%)



- Cyan (99%)
- Magenta (53%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 84.7720, -70.4200, -23.3480 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 84.7720, -70.4200, -23.3480 by changing the saturation by 10% instead.

84.7720, -70.4200,
-23.3480

84.7720, -70.4200,
-23.3480

255.0000, -0.0000,
-0.0000

66.3500, -57.3080,
-18.6840

145.1330,
-55.1990, -18.3590

49.5260, -43.0040,
-13.5960

172.5460,
-54.9240, -17.8360

33.5170, -29.6170,
-8.4090

200.8450,
-54.3280, -17.6240

19.3830, -17.3760,
-4.4800

228.3890,
-53.0440, -18.8680

0.4560, -1.2840,
1.2440

237.0600,
-35.7600, -12.7200

0.0000, 0.0000,
0.0000

246.0300,

-17.8800, -6.3600

254.7010, -0.5960,
-0.2120

■ 84.7720, -70.4200,
-23.3480

■ 84.7720, -70.4200,
-23.3480

■ 83.8750, -72.2080,
-23.9840

■ 88.3600, -63.2680,
-20.8040

■ 92.8340, -55.7950,
-18.5710

■ 96.4220, -48.6430,
-16.0270

■ 100.5970,
-41.7660, -14.0060

■ 104.1850,
-34.6140, -11.4620

■ 108.0720,
-26.8660, -8.7060

■ 112.2470,
-19.9890, -6.6850

■ 115.8350,
-12.8370, -4.1410

■ 120.3090, -5.3640,
-1.9080

Harmonies

Analogous

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



95.1920, -36.4920, -21.4840



84.7720, -70.4200, -23.3480



87.8570, -71.7970, -14.9090

Triad

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



84.7720, -70.4200, -23.3480



110.1390, 7.6990, 20.1710



105.6870, 28.3820, -7.7620

Complementary

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



84.7720, -70.4200, -23.3480



41.2280, 70.4200, 23.3480

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.



107.2140, 37.5040, 3.1360



84.7720, -70.4200, -23.3480



109.3060, 26.2220, 20.3820

Square

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



84.7720, -70.4200, -23.3480



107.4610, -16.8750, 13.9810



108.0650, 36.9060, 13.9780



103.7340, 11.8320, -16.2000

Rectangle

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



84.7720, -70.4200, -23.3480



96.8860, -52.4050, -2.9090



108.0650, 36.9060, 13.9780



105.9480, 32.1410, -4.2990

Sweetspot

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



84.7720, -70.4200, -23.3480



145.7730, -27.4620, -8.9180



73.6680, -33.6420, -62.1380



72.7420, -17.0090, -5.6250



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



84.7720, -70.4200, -23.3480



109.3390, -94.3060, -30.9940



50.7260, -54.4700, 6.9860



59.2060, -3.5760, -1.2720



85.2770, -73.4000, -24.4080



171.9560, -147.9920, -49.2400

Inverse Universe

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



52.1040, 34.2840, 61.5160



65.8090, 46.2010, 82.3370



75.2740, 54.4700, -6.9860



57.4780, 1.6500, 3.1380



51.1690, 35.6590, 64.1310



103.1640, 71.8680, 129.3080

Previews

White Background



This preview shows how the YIQ color 84.7720, -70.4200, -23.3480 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 84.7720, -70.4200, -23.3480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

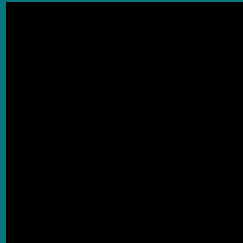
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 84.7720, -70.4200, -23.3480

Background



This preview shows how black text looks on a background with the YIQ color 84.7720, -70.4200, -23.3480.



This preview shows how white text looks on a background with the YIQ color 84.7720, -70.4200,

-23.3480.

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

84.7720, -70.4200, -23.3480

Protanopia

107.0260, -2.8890, 2.7990

Deuteranopia

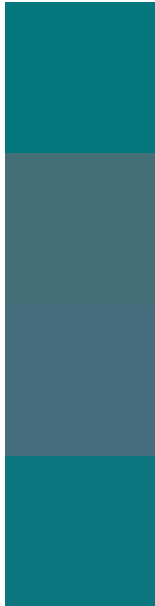
107.4050, -5.2740, 7.4780



Tritanopia

88.9410, -63.4060, -18.3020

Trichromacy



Original Color

84.7720, -70.4200, -23.3480

Protanomaly

99.2400, -27.2790, -6.7270

Deuteranomaly

98.8640, -28.9760, -3.5040

Tritanomaly

87.2180, -65.7440, -19.9840

Monochromacy



Original Color

84.7720, -70.4200, -23.3480

Achromatopsia

85.0000, -0.0000, 0.0000

Achromatomaly

84.6700, -25.6740, -8.2820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 84.7720, -70.4200, -23.3480 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(3, 119, 123)` looks like.

```
.text, #text, p{  
    color:rgb(3, 119, 123)  
}
```

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(3, 119, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 119, 123) }
```

Border

The CSS property to change the border of an element to YIQ 84.7720, -70.4200, -23.3480 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(3, 119, 123) }
```


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

```
.border{ border-color:rgb(3, 119, 123) }
```

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

Here you see how a box with a 4 pixel rgb(3, 119, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 119, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 119, 123);  
box-shadow:4px 4px 4px 4px rgb(3, 119,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 84.7720, -70.4200, -23.3480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 119, 123) }
```

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

```
.background{ background-color: rgb(3, 119,  
123) }
```

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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