

Converting Colors

YIQ(68.4840, -60.3810,
-12.5490)

Have a look what the booklet for
YIQ(68.4840, -60.3810, -12.5490)
contains.

YIQ(68.4840, -60.3810, -12.5490)	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(68.4840, -60.3810,
-12.5490)**

Conversions

Conversions Part 1

Format	Color
Hex	035D72
RGB	3, 93, 114
RGB Percent	1%, 36%, 45%
CMY	0.9884, 0.6351, 0.5532
CMYK	0.97, 0.18, 0.00, 0.55
HSL	191°, 95%, 23%
HSV	191°, 97%, 45%
XYZ	6.9881, 9.0678, 17.2821
YIQ	68.4840, -60.3810, -12.5490

Conversions

Conversions Part 2

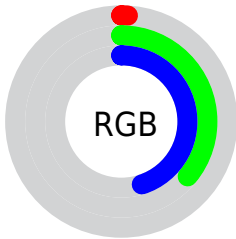
Format	Color
R_{YB}	3, 53, 114
Decimal	220530
CIE _{Lab}	36.11, -15.17, -18.43
CIE _{LCh}	36, 23.871, 230.554
Yxy	9.0678, 0.2096, 0.2720
Android (android.graphics.Color)	4278410610 (0xFF035D72)
YUV	68.4840, 22.4394, -57.4295
Hunter-Lab	30.1128, -11.2737, -12.9482

Details

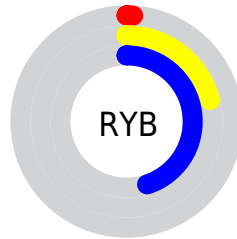
The YIQ color **68.4840, -60.3810, -12.5490** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **48.5160, 60.3810, 12.5490**, and the grayscale version is **68.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **125.2900, -47.9110, -7.2630**, and **35.1130, -34.1110, -4.0550** is the 20% darker color. If you saturate the color by 10%, you get **67.0000, -61.8940, -12.6620**, and if you desaturate by 10%, it is **72.9470, -54.3750, -11.2630**.

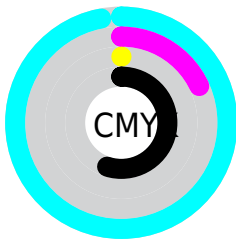
Distribution



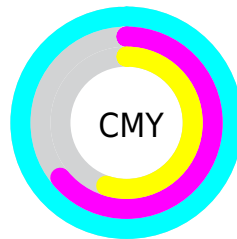
- Red (1%)
- Green (36%)
- Blue (45%)



- Red (1%)
- Yellow (21%)
- Blue (45%)



- Cyan (97%)
- Magenta (18%)
- Yellow (0%)
- Black (55%)



- Cyan (99%)
- Magenta (64%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 68.4840, -60.3810, -12.5490 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 68.4840, -60.3810, -12.5490 by changing the saturation by 10% instead.

68.4840, -60.3810,
-12.5490

68.4840, -60.3810,
-12.5490

255.0000, -0.0000,
-0.0000

50.6490, -47.5440,
-8.4080

125.2900,
-47.9110, -7.2630

35.1130, -34.1110,
-4.0550

152.5890,
-47.3150, -7.0510

20.8650, -21.5490,
-0.4370

179.7030,
-47.6360, -6.7400

3.2090, -7.6580,
6.6300

207.8170,
-47.9570, -6.4290

0.0000, 0.0000,
0.0000

234.0810,
-40.2530, -13.8930

243.3390,

-23.2440, -8.2680

■ 252.0100, -5.9600,
-2.1200

■ 68.4840, -60.3810,
-12.5490

■ 68.4840, -60.3810,
-12.5490

■ 67.0000, -61.8940,
-12.6620

■ 72.9470, -54.3750,
-11.2630

■ 77.7090, -47.7730,
-9.7650

■ 82.1720, -41.7670,
-8.4790

■ 87.5210, -35.4400,
-7.5040

■ 91.9840, -29.4340,
-6.2180

■ 96.4470, -23.4280,
-4.9320

■ 101.2090,
-16.8260, -3.4340

■ 105.6720,
-10.8200, -2.1480

■ 110.4340, -4.2180,
-0.6500

Harmonies

Analogous

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



67.2360, -56.9870, -18.9950



68.4840, -60.3810, -12.5490



79.6060, -36.8170, 0.9350

Triad

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



68.4840, -60.3810, -12.5490



87.4470, 21.2710, 16.4950



82.2440, 10.4560, -13.2880

Complementary

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



68.4840, -60.3810, -12.5490



48.5160, 60.3810, 12.5490

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.



84.2890, 23.7510, -6.4330



68.4840, -60.3810, -12.5490



86.3630, 30.0750, 11.1230

Square

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



68.4840, -60.3810, -12.5490



87.2480, 5.7740, 16.5100



85.0930, 30.5350, 2.7830



79.3820, -7.6080, -16.3120

Rectangle

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



68.4840, -60.3810, -12.5490



84.1350, -22.0090, 7.9030



85.0930, 30.5350, 2.7830



83.0490, 15.4990, -11.0690

Sweetspot

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



68.4840, -60.3810, -12.5490



130.4470, -23.4280, -4.9320



70.4370, -36.9450, -51.8330



63.2910, -14.1210, -2.8970



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



68.4840, -60.3810, -12.5490



87.3120, -80.5080, -16.7320



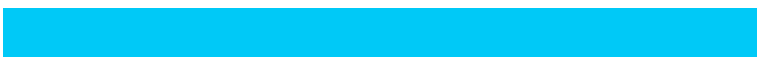
36.1990, -45.2560, 16.2160



53.6190, -3.3010, -0.7490



70.6190, -65.1950, -13.4110



146.1450, -134.5620, -28.3060

Inverse Universe

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



46.4490, 37.2660, 51.5220



57.9320, 49.6880, 68.6960



80.8010, 45.2560, -16.2160



52.3640, 1.9710, 2.8270



46.9380, 40.3830, 55.6070



96.7670, 82.6910, 114.8750

Previews

White Background



This preview shows how the YIQ color 68.4840, -60.3810, -12.5490 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 ✓ Pass

Black Background



This preview shows how the YIQ color 68.4840, -60.3810, -12.5490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

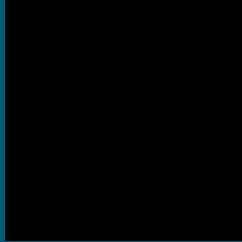
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 68.4840, -60.3810, -12.5490

Background



This preview shows how black text looks on a background with the YIQ color 68.4840, -60.3810, -12.5490.

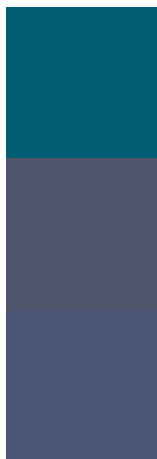


This preview shows how white text looks on a background with the YIQ color 68.4840, -60.3810,

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

68.4840, -60.3810, -12.5490

Protanopia

85.1270, -10.3630, 6.0930

Deuteranopia

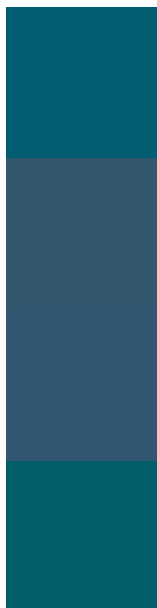
84.9570, -15.6360, 8.0440



Tritanopia

66.8060, -58.5920, -17.4400

Trichromacy



Original Color

68.4840, -60.3810, -12.5490

Protanomaly

78.8580, -28.8390, -0.4790

Deuteranomaly

78.8300, -31.6360, 0.6520

Tritanomaly

67.5610, -59.2800, -15.9840

Monochromacy



Original Color

68.4840, -60.3810, -12.5490

Achromatopsia

68.0000, -0.0000, 0.0000

Achromatomaly

68.0450, -22.2360, -4.5080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 68.4840, -60.3810, -12.5490 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, 93, 114)` looks like.

```
.text, #text, p{  
    color:rgb(3, 93, 114)  
}
```

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, 93, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 93, 114) }
```

Border

The CSS property to change the border of an element to YIQ 68.4840, -60.3810, -12.5490 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, 93, 114) }
```


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

```
.border{ border-color:rgb(3, 93, 114) }
```

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

Here you see how a box with a 4 pixel rgb(3, 93, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 93, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 93, 114);  
box-shadow:4px 4px 4px 4px rgb(3, 93, 114)  
}
```

Background

The CSS property to change the background color of an element to YIQ 68.4840, -60.3810, -12.5490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 93, 114) }
```

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

```
.background{ background-color: rgb(3, 93,  
114) }
```

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