

# Converting Colors

YIQ(160.3760, -24.6660,  
-4.5220)

Have a look what the booklet for  
YIQ(160.3760, -24.6660, -4.5220)  
contains.

<b>YIQ(160.3760, -24.6660, -4.5220)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(160.3760, -24.6660,  
-4.5220)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86AAB4
RGB	134, 170, 180
RGB Percent	53%, 67%, 71%
CMY	0.4746, 0.3333, 0.2942
CMYK	0.26, 0.06, 0.00, 0.29
HSL	193°, 23%, 62%
HSV	193°, 26%, 71%
XYZ	32.4413, 37.1160, 48.6199
YIQ	160.3760, -24.6660, -4.5220

# Conversions

## Conversions Part 2

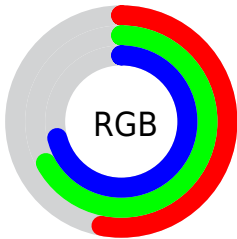
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 154, 180
Decimal	8825524
CIELab	67.36, -9.90, -9.14
CIElCh	67, 13.472, 222.702
Yxy	37.1160, 0.2745, 0.3141
Android (android.graphics.Color)	4287015604 (0xFF86AAB4)
YUV	160.3760, 9.6746, -23.1318
Hunter-Lab	60.9229, -11.5642, -4.6707

# Details

The YIQ color **160.3760, -24.6660, -4.5220** is a light color, and the websafe version is hex **669999**. A complement of this color would be **153.6240, 24.6660, 4.5220**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **215.1910, -25.5830, -4.4230**, and **108.5610, -23.7490, -4.6210** is the 20% darker color. If you saturate the color by 10%, you get **152.6460, -34.2940, -6.2460**, and if you desaturate by 10%, it is **168.1060, -15.0380, -2.7980**.

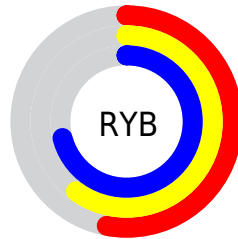
# Distribution



Red (53%)

Green (67%)

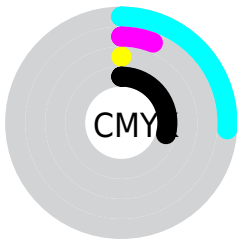
Blue (71%)



Red (53%)

Yellow (60%)

Blue (71%)

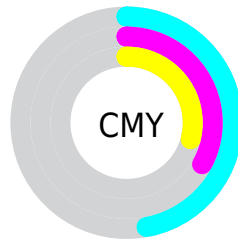


Cyan (26%)

Magenta (6%)

Yellow (0%)

Black (29%)



Cyan (47%)

Magenta (33%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 160.3760, -24.6660, -4.5220 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 160.3760, -24.6660, -4.5220 by changing the saturation by 10% instead.



■ 160.3760,  
-24.6660, -4.5220

■ 160.3760,  
-24.6660, -4.5220

■ 255.0000, -0.0000,  
-0.0000

■ 134.2620,  
-24.3450, -4.8330

■ 215.1910,  
-25.5830, -4.4230

■ 108.5610,  
-23.7490, -4.6210

■ 242.7520,  
-22.9690, -7.7450

■ 83.5610, -23.7490,  
-4.6210

■ 252.0100, -5.9600,  
-2.1200

■ 60.1480, -24.0240,  
-5.1440

■ 36.2510, -25.8120,  
-5.7800

■ 19.7250, -18.3390,  
-3.5470

■ 1.2540, -3.5310,

3.4210

■ 0.0000, 0.0000,  
0.0000

■ 160.3760,  
-24.6660, -4.5220

■ 160.3760,  
-24.6660, -4.5220

■ 152.6460,  
-34.2940, -6.2460

■ 168.1060,  
-15.0380, -2.7980

■ 144.9160,  
-43.9220, -7.9700

■ 175.8360, -5.4100,  
-1.0740

■ 137.1860,  
-53.5500, -9.6940

■ 183.5660, 4.2180,  
0.6500

■ 129.4560,  
-63.1780, -11.4180

■ 191.2960, 13.8460,  
2.3740

■ 122.3130,  
-73.0810, -13.6650

■ 198.4390, 23.7490,  
4.6210

■ 114.5830,  
-82.7090, -15.3890

■ 206.1690, 33.3770,  
6.3450

■ 106.8530,  
-92.3370, -17.1130

■ 212.4040, 40.0250,  
7.0090

■ 103.2870,  
-96.5550, -17.7630

■ 214.7520, 38.9250,  
4.9170

■ 217.1000, 37.8250,  
2.8250

# Harmonies

## Analogous

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



159.7090, -21.4100, -8.4660



160.3760, -24.6660, -4.5220



162.1040, -20.7240, 1.1320

# Triad

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



160.3760, -24.6660, -4.5220



166.1960, 11.5520, 10.9120



163.0470, 9.8130, -7.1390

# Complementary

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



160.3760, -24.6660, -4.5220



153.6240, 24.6660, 4.5220

# 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.



164.4010, 17.7440, -2.1920



160.3760, -24.6660, -4.5220



166.5080, 19.3010, 8.1410

# Square

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



160.3760, -24.6660, -4.5220



165.8080, 0.9610, 10.1210



165.2430, 21.3650, 3.7730



161.3060, -1.2820, -9.8100



# Rectangle

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



160.3760, -24.6660, -4.5220



163.7350, -15.1310, 4.3970



165.2430, 21.3650, 3.7730



163.3680, 13.3430, -5.0330

# Sweetspot

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



160.3760, -24.6660, -4.5220



226.9710, -10.2240, -1.9360



162.0280, -15.5390, -21.2590



112.5370, -6.0060, -1.2860



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000



# Same Dimension

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



160.3760, -24.6660, -4.5220



203.7810, -39.1080, -7.1080



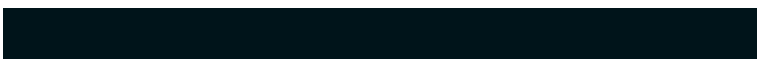
147.4620, -18.6160, 6.9840



85.1350, -4.8140, -0.8620



87.8820, -82.1130, -15.1770



14.7040, -13.8460, -2.3740



# Inverse Universe

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



151.8580, 15.8600, 20.9480



190.3250, 25.2110, 33.2030



166.5380, 18.6160, -6.9840



83.4890, 3.1170, 4.0850



59.4270, 52.6680, 69.7560



10.0540, 9.0760, 11.7320



# Previews

## White Background



This preview shows how the YIQ color 160.3760, -24.6660, -4.5220 looks on a white 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



# Black Background



This preview shows how the YIQ color 160.3760, -24.6660, -4.5220 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 ✓ Pass

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

# YIQ 160.3760, -24.6660, -4.5220

## Background



This preview shows how black text looks on a background with the YIQ color 160.3760, -24.6660, -4.5220.



This preview shows how white text looks on a background with the YIQ color 160.3760, -24.6660, -4.5220.

-4.5220.

# 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

160.3760, -24.6660, -4.5220

### Protanopia

164.3680, -3.8520, 3.7320

### Deuteranopia

165.2100, -0.2310, 9.6970



## Tritanopia

161.0170, -25.0330, -3.3770

# Trichromacy



## Original Color

160.3760, -24.6660, -4.5220

## Protanomaly

163.0680, -11.8750, 0.4530

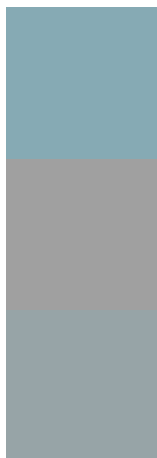
## Deuteranomaly

163.5570, -8.7580, 4.5380

## Tritanomaly

160.9030, -24.7120, -3.6880

# Monochromacy



## Original Color

160.3760, -24.6660, -4.5220

## Achromatopsia

160.0000, 0.0000, -0.0000

## Achromatomaly

160.4550, -8.7110, -1.8230

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 160.3760, -24.6660, -4.5220 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(134, 170, 180)` looks like.

```
.text, #text, p{  
    color:rgb(134, 170, 180)  
}
```

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(134, 170, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 170, 180) }
```

## Border

The CSS property to change the border of an element to YIQ 160.3760, -24.6660, -4.5220 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(134, 170, 180) }
```



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

```
.border{ border-color:rgb(134, 170, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 170, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 170, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 170, 180);  
box-shadow:4px 4px 4px 4px rgb(134, 170,  
180) }
```

# Background

The CSS property to change the background color of an element to YIQ 160.3760, -24.6660, -4.5220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 170, 180) }
```

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

```
.background{ background-color: rgb(134,  
170, 180) }
```

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