

Converting Colors

YIQ(84.2640, -70.2440, 17.5320)

Have a look what the booklet for
YIQ(84.2640, -70.2440, 17.5320)
contains.

YIQ(84.2640, -70.2440, 17.5320)	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(84.2640, -70.2440,
17.5320)**

Conversions

Conversions Part 1

Format	Color
Hex	1C5CC0
RGB	28, 92, 192
RGB Percent	11%, 36%, 75%
CMY	0.8902, 0.6391, 0.2474
CMYK	0.85, 0.52, 0.00, 0.25
HSL	217°, 75%, 43%
HSV	217°, 85%, 75%
XYZ	13.8121, 11.7073, 51.3482
YIQ	84.2640, -70.2440, 17.5320

Conversions

Conversions Part 2

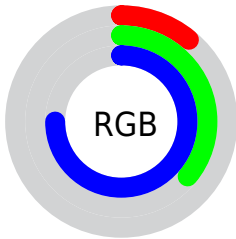
Format	Color
R _Y B	28, 74, 192
Decimal	1858752
CIE Lab	40.75, 18.27, -57.83
CIE LCh	41, 60.653, 287.533
Yxy	11.7073, 0.1797, 0.1523
Android (android.graphics.Color)	4280048832 (0xFF1C5CC0)
YUV	84.2640, 53.1138, -49.3435
Hunter-Lab	34.2159, 12.1782, -65.0259

Details

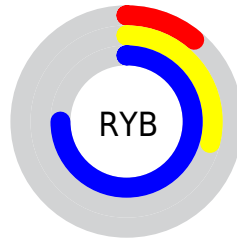
The YIQ color **84.2640, -70.2440, 17.5320** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **135.7360, 70.2440, -17.5320**, and the grayscale version is **84.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **142.5370, -57.5910, 25.0090**, and **43.9080, -57.4980, 17.8140** is the 20% darker color. If you saturate the color by 10%, you get **71.5390, -78.2680, 19.7800**, and if you desaturate by 10%, it is **96.9890, -62.2200, 15.2840**.

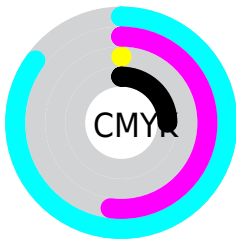
Distribution



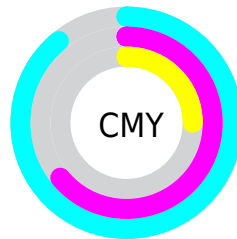
- Red (11%)
- Green (36%)
- Blue (75%)



- Red (11%)
- Yellow (29%)
- Blue (75%)



- Cyan (85%)
- Magenta (52%)
- Yellow (0%)
- Black (25%)



- Cyan (89%)
- Magenta (64%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 84.2640, -70.2440, 17.5320 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 84.2640, -70.2440, 17.5320 by changing the saturation by 10% instead.

■ 84.2640, -70.2440,
17.5320

■ 84.2640, -70.2440,
17.5320

■ 255.0000, -0.0000,
-0.0000

■ 59.1990, -71.6190,
14.9170

■ 142.5370,
-57.5910, 25.0090

■ 43.7940, -57.1770,
17.5030

■ 167.7520,
-48.1910, 19.8490

■ 29.0900, -43.3310,
19.8770

■ 192.5710,
-37.7360, 12.0880

■ 9.8040, -27.6060,
26.7460

■ 217.9770,
-27.5560, 3.8040

■ 10.5900, -21.5520,
16.1440

■ 243.3830,
-17.3760, -4.4800

■ 6.2070, -13.3440,
10.5600

■ 2.5250, -5.7320,

4.7640

■ 0.0000, 0.0000,
0.0000

■ 84.2640, -70.2440,
17.5320

■ 84.2640, -70.2440,
17.5320

■ 71.5390, -78.2680,
19.7800

■ 96.9890, -62.2200,
15.2840

■ 65.9130, -82.2570,
20.4870

■ 109.1270,
-53.9210, 13.5590

■ 122.1510,
-45.3010, 11.5230

■ 134.8760,
-37.2770, 9.2750

■ 147.0140,
-28.9780, 7.5500

■ 159.7390,
-20.9540, 5.3020

■ 172.4640,
-12.9300, 3.0540

■ 185.4880, -4.3100,
1.0180

■ 197.6260, 3.9890,
-0.7070

Harmonies

Analogous

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



85.5120, -91.9740, 3.8500



84.2640, -70.2440, 17.5320



97.7920, 8.1990, 44.1590

Triad

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



84.2640, -70.2440, 17.5320



88.4220, 75.1450, 9.2970



76.4140, -55.3330, -37.9650

Complementary

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



84.2640, -70.2440, 17.5320



135.7360, 70.2440, -17.5320

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.



71.9820, -28.2340, -50.0100



84.2640, -70.2440, 17.5320



90.5480, 56.2140, -16.5700

Square

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



84.2640, -70.2440, 17.5320



84.0030, 76.1480, 40.6920



87.3710, 25.3150, -34.7890



83.5160, -72.5750, -22.8390

Rectangle

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



84.2640, -70.2440, 17.5320



92.6020, 41.2090, 51.6490



87.3710, 25.3150, -34.7890



73.7750, -49.2800, -43.0400

Sweetspot

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



84.2640, -70.2440, 17.5320



207.0850, -27.7400, 7.1400



135.4400, -76.5580, -55.2940



99.2510, -16.6440, 4.2840



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



84.2640, -70.2440, 17.5320



86.0260, -107.2000, 26.4960



51.4800, -43.1080, 54.3960



90.4880, -4.3100, 1.0180



55.3350, -69.0060, 17.1220



11.3930, -14.1680, 3.4640

Inverse Universe

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



84.3320, 77.2000, 54.6720



85.9220, 117.5420, 83.4780



168.5200, 43.1080, -54.3960



90.4460, 4.6760, 3.3640



55.3210, 75.7330, 53.7250



11.3490, 15.4950, 11.0390

Previews

White Background



This preview shows how the YIQ color 84.2640, -70.2440, 17.5320 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 84.2640, -70.2440, 17.5320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

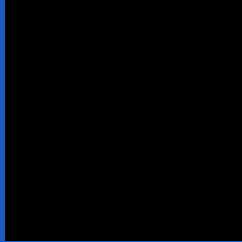
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 84.2640, -70.2440, 17.5320

Background



This preview shows how black text looks on a background with the YIQ color 84.2640, -70.2440, 17.5320.



This preview shows how white text looks on a background with the YIQ color 84.2640, -70.2440,

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

84.2640, -70.2440, 17.5320

Protanopia

83.6660, -71.4360, 17.1080

Deuteranopia

76.9060, -81.5200, 1.6160



Tritanopia

75.1040, -65.4230, -20.2950

Trichromacy



Original Color

84.2640, -70.2440, 17.5320

Protanomaly

83.9650, -70.8400, 17.3200

Deuteranomaly

79.6340, -77.5780, 7.2700

Tritanomaly

78.4650, -67.3970, -6.5410

Monochromacy



Original Color

84.2640, -70.2440, 17.5320

Achromatopsia

84.0000, -0.0000, -0.0000

Achromatomaly

84.2270, -25.2640, 6.3200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 84.2640, -70.2440, 17.5320 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(28, 92, 192)` looks like.

```
.text, #text, p{  
    color:rgb(28, 92, 192)  
}
```

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(28, 92, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 92, 192) }
```

Border

The CSS property to change the border of an element to YIQ 84.2640, -70.2440, 17.5320 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(28, 92, 192) }
```


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

```
.border{ border-color:rgb(28, 92, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 92, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 92, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 92, 192);  
box-shadow:4px 4px 4px 4px rgb(28, 92,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 84.2640, -70.2440, 17.5320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 92, 192) }
```

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

```
.background{ background-color: rgb(28, 92,  
192) }
```

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