

Converting Colors

YIQ(104.0180, -34.8010, 8.4550)

Have a look what the booklet for
YIQ(104.0180, -34.8010, 8.4550)
contains.

YIQ(104.0180, -34.8010, 8.4550)	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(104.0180, -34.8010,
8.4550)**

Conversions

Conversions Part 1

Format	Color
Hex	4C6C9D
RGB	76, 108, 157
RGB Percent	30%, 42%, 62%
CMY	0.7020, 0.5764, 0.3845
CMYK	0.52, 0.31, 0.00, 0.38
HSL	216°, 35%, 46%
HSV	216°, 52%, 62%
XYZ	14.4255, 14.6968, 33.9547
YIQ	104.0180, -34.8010, 8.4550

Conversions

Conversions Part 2

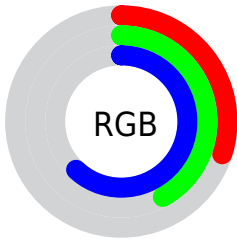
Format	Color
RYB	76, 99, 157
Decimal	5008541
CIELab	45.22, 2.84, -30.08
CIElCh	45, 30.215, 275.402
Yxy	14.6968, 0.2287, 0.2330
Android (android.graphics.Color)	4283198621 (0xFF4C6C9D)
YUV	104.0180, 26.1201, -24.5718
Hunter-Lab	38.3364, 0.0787, -25.6778

Details

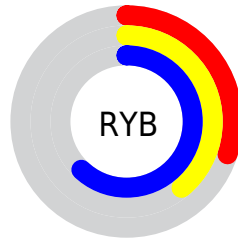
The YIQ color **104.0180, -34.8010, 8.4550** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **128.9820, 34.8010, -8.4550**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **156.3710, -34.2970, 10.3350**, and **52.8600, -40.3480, 4.3560** is the 20% darker color. If you saturate the color by 10%, you get **93.9510, -41.8620, 9.7700**, and if you desaturate by 10%, it is **114.6720, -28.0150, 6.6170**.

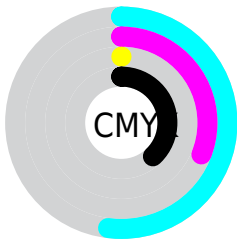
Distribution



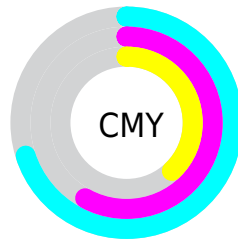
- Red (30%)
- Green (42%)
- Blue (62%)



- Red (30%)
- Yellow (39%)
- Blue (62%)



- Cyan (52%)
- Magenta (31%)
- Yellow (0%)
- Black (38%)



- Cyan (70%)
- Magenta (58%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 104.0180, -34.8010, 8.4550 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 104.0180, -34.8010, 8.4550 by changing the saturation by 10% instead.

■ 104.0180,
-34.8010, 8.4550

■ 104.0180,
-34.8010, 8.4550

■ 255.0000, -0.0000,
-0.0000

■ 78.8930, -35.9470,
7.1970

■ 156.3710,
-34.2970, 10.3350

■ 52.8600, -40.3480,
4.3560

■ 183.4850,
-34.6180, 10.6460

■ 32.7140, -37.0010,
4.2710

■ 210.0030,
-30.4450, 6.6030

■ 17.7650, -23.8430,
8.1010

■ 234.8110,
-21.4570, -2.1050

■ 5.2780, -12.1060,
10.1500

■ 251.1130, -7.7480,
-2.7560

■ 1.2540, -3.5310,
3.4210

■ 0.0000, 0.0000,

0.0000

■ 104.0180,
-34.8010, 8.4550

■ 104.0180,
-34.8010, 8.4550

■ 93.9510, -41.8620,
9.7700

■ 114.6720,
-28.0150, 6.6170

■ 83.5960, -48.0520,
11.8200

■ 124.4400,
-21.5500, 5.0900

■ 73.5290, -55.1130,
13.1350

■ 134.5070,
-14.4890, 3.7750

■ 62.8750, -61.8990,
14.9730

■ 145.1610, -7.7030,
1.9370

■ 54.2920, -67.4470,
16.4010

■ 154.9290, -1.2380,
0.4100

■ 165.5830, 5.5480,
-1.4280

■ 175.6500, 12.6090,
-2.7430

■ 186.3040, 19.3950,
-4.5810

■ 196.0720, 25.8600,
-6.1080

Harmonies

Analogous

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



89.6170, -70.8810, -9.4810



104.0180, -34.8010, 8.4550



109.6690, -5.5970, 18.8430

Triad

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



104.0180, -34.8010, 8.4550



107.5830, 41.0790, 9.9350



97.4830, -24.2500, -23.0820

Complementary

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



104.0180, -34.8010, 8.4550



128.9820, 34.8010, -8.4550

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.



101.8360, 2.6170, -19.9030



104.0180, -34.8010, 8.4550



106.4540, 36.5880, -2.2920

Square

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



104.0180, -34.8010, 8.4550



109.1560, 35.3920, 19.3920



104.7740, 23.5230, -13.3170



85.4860, -63.8630, -26.5430

Rectangle

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



104.0180, -34.8010, 8.4550



110.4600, 11.2290, 22.2770



104.7740, 23.5230, -13.3170



98.6860, -14.5760, -22.1920

Sweetspot

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



104.0180, -34.8010, 8.4550



184.1650, -13.5260, 2.8420



129.1330, -38.0040, -27.1240



90.1610, -7.7030, 1.9370



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



104.0180, -34.8010, 8.4550



121.7140, -54.1960, 13.0360



87.6260, -21.2330, 26.8870



73.6730, -3.3930, 0.9190



49.1740, -61.3030, 15.1850



5.2320, -6.4650, 1.5270

Inverse Universe

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



103.8670, 38.0040, 27.1240



121.3740, 59.0460, 42.2620



145.3740, 21.2330, -26.8870



73.7340, 3.8050, 2.6290



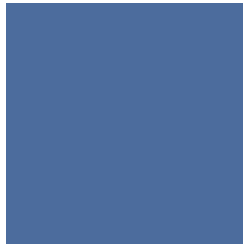
49.1410, 67.2520, 47.7320



5.1690, 7.0140, 5.0460

Previews

White Background



This preview shows how the YIQ color 104.0180, -34.8010, 8.4550 looks on a white background.

Color Contrast Check

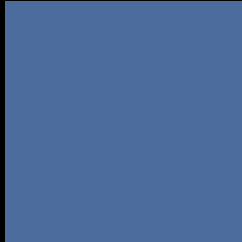
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.0180, -34.8010, 8.4550 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

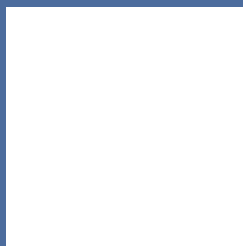
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 104.0180, -34.8010, 8.4550

Background



This preview shows how black text looks on a background with the YIQ color 104.0180, -34.8010, 8.4550.

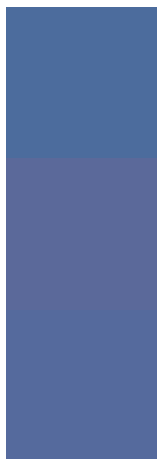


This preview shows how white text looks on a background with the YIQ color 104.0180, -34.8010,

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

104.0180, -34.8010, 8.4550

Protanopia

106.4000, -24.0730, 12.2710

Deuteranopia

105.5350, -28.8870, 11.4090



Tritanopia

100.4890, -32.4140, -7.2780

Trichromacy



Original Color

104.0180, -34.8010, 8.4550

Protanomaly

105.6060, -27.6490, 10.9990

Deuteranomaly

105.2250, -30.9500, 10.2500

Tritanomaly

101.8790, -33.3320, -1.6520

Monochromacy



Original Color

104.0180, -34.8010, 8.4550

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

103.7630, -12.3340, 3.2660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.0180, -34.8010, 8.4550 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(76, 108, 157)` looks like.

```
.text, #text, p{  
    color:rgb(76, 108, 157)  
}
```

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(76, 108, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 108, 157) }
```

Border

The CSS property to change the border of an element to YIQ 104.0180, -34.8010, 8.4550 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(76, 108, 157) }
```


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

```
.border{ border-color:rgb(76, 108, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 108, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 108, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 108, 157);  
box-shadow:4px 4px 4px 4px rgb(76, 108,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 104.0180, -34.8010, 8.4550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 108, 157) }
```

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

```
.background{ background-color: rgb(76, 108,  
157) }
```

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