

Converting Colors

YIQ(95.1740, -34.9400, 16.4840)

Have a look what the booklet for
YIQ(95.1740, -34.9400, 16.4840)
contains.

YIQ(95.1740, -34.9400, 16.4840)	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(95.1740, -34.9400,
16.4840)**

Conversions

Conversions Part 1

Format	Color
Hex	485EA2
RGB	72, 94, 162
RGB Percent	28%, 37%, 64%
CMY	0.7176, 0.6313, 0.3649
CMYK	0.56, 0.42, 0.00, 0.36
HSL	225°, 38%, 46%
HSV	225°, 56%, 64%
XYZ	13.1931, 11.9916, 35.7789
YIQ	95.1740, -34.9400, 16.4840

Conversions

Conversions Part 2

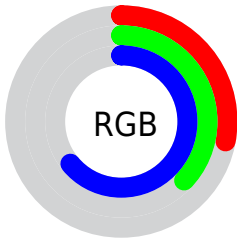
Format	Color
R_{YB}	72, 90, 162
Decimal	4742818
CIE _{Lab}	41.20, 12.32, -39.39
CIE _{LCh}	41, 41.269, 287.370
Yxy	11.9916, 0.2164, 0.1967
Android (android.graphics.Color)	4282932898 (0xFF485EA2)
YUV	95.1740, 32.9452, -20.3236
Hunter-Lab	34.6289, 7.4052, -37.0188

Details

The YIQ color $95.1740, -34.9400, 16.4840$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $138.8260, 34.9400, -16.4840$, and the grayscale version is $95.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $147.2390, -33.5650, 19.0990$, and $42.2000, -46.9970, 9.2190$ is the 20% darker color. If you saturate the color by 10%, you get $83.3460, -41.1760, 19.3680$, and if you desaturate by 10%, it is $107.0020, -28.7040, 13.6000$.

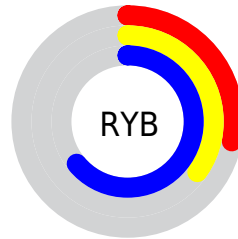
Distribution



Red (28%)

Green (37%)

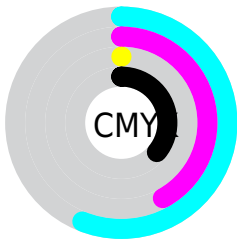
Blue (64%)



Red (28%)

Yellow (35%)

Blue (64%)

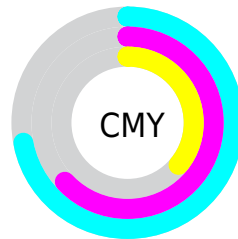


Cyan (56%)

Magenta (42%)

Yellow (0%)

Black (36%)



Cyan (72%)

Magenta (63%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.1740, -34.9400, 16.4840 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 95.1740, -34.9400, 16.4840 by changing the saturation by 10% instead.

■ 95.1740, -34.9400,
16.4840

■ 95.1740, -34.9400,
16.4840

■ 255.0000, -0.0000,
-0.0000

■ 69.9240, -37.2320,
13.9680

■ 147.2390,
-33.5650, 19.0990

■ 42.2000, -46.9970,
9.2190

■ 173.8800,
-33.9320, 20.2440

■ 26.1260, -34.9850,
11.7910

■ 200.0130,
-27.2370, 14.5470

■ 7.5410, -19.8560,
18.4480

■ 224.8210,
-18.2490, 5.8390

■ 6.2070, -13.3440,
10.5600

■ 249.9280, -8.6650,
-2.6570

■ 2.4110, -5.4110,
4.4530

■ 0.0000, 0.0000,

0.0000

■ 95.1740, -34.9400,
16.4840

■ 95.1740, -34.9400,
16.4840

■ 83.3460, -41.1760,
19.3680

■ 107.0020,
-28.7040, 13.6000

■ 71.5180, -47.4120,
22.2520

■ 118.8300,
-22.4680, 10.7160

■ 58.8040, -53.9690,
25.4470

■ 131.5440,
-15.9110, 7.5210

■ 46.9760, -60.2050,
28.3310

■ 143.3720, -9.6750,
4.6370

■ 41.9480, -63.0020,
29.4620

■ 155.2000, -3.4390,
1.7530

■ 167.0280, 2.7970,
-1.1310

■ 179.4430, 8.7580,
-4.5380

■ 191.5700, 15.5900,
-7.2100

■ 203.3980, 21.8260,
-10.0940

Harmonies

Analogous

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



80.2170, -81.1980, -4.2220



95.1740, -34.9400, 16.4840



100.3380, 6.0010, 28.9210

Triad

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



95.1740, -34.9400, 16.4840



95.5210, 52.8170, 6.4570



75.5650, -57.0760, -33.9080

Complementary

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



95.1740, -34.9400, 16.4840



138.8260, 34.9400, -16.4840

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.



86.6120, -11.7320, -29.6840



95.1740, -34.9400, 16.4840



93.8810, 42.2750, -11.7490

Square

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



95.1740, -34.9400, 16.4840



95.8760, 50.9800, 23.2360



91.3680, 21.3700, -23.8620



80.1420, -68.5860, -23.5460

Rectangle

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



95.1740, -34.9400, 16.4840



99.1680, 27.0910, 32.1710



91.3680, 21.3700, -23.8620



74.3220, -52.0780, -36.3820

Sweetspot

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



95.1740, -34.9400, 16.4840



184.8000, -13.7560, 7.0120



132.4680, -46.2570, -26.2330



91.3290, -8.1160, 3.9160



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



95.1740, -34.9400, 16.4840



106.7330, -55.2070, 25.8570



88.8380, -15.7780, 32.6540



75.2000, -3.4390, 1.7530



37.6620, -56.4450, 26.2670



4.4000, -6.8780, 3.5060

Inverse Universe

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



101.4180, 46.5780, 25.9220



116.4480, 73.3970, 40.9890



144.8630, 15.1820, -32.8660



75.9190, 4.7220, 2.5300



47.4590, 74.8640, 41.9360



5.8380, 9.4440, 5.0600

Previews

White Background



This preview shows how the YIQ color 95.1740, -34.9400, 16.4840 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 95.1740, -34.9400, 16.4840 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

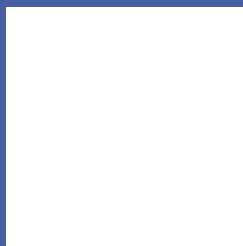
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 95.1740, -34.9400, 16.4840

Background



This preview shows how black text looks on a background with the YIQ color 95.1740, -34.9400, 16.4840.



This preview shows how white text looks on a background with the YIQ color 95.1740, -34.9400,

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

95.1740, -34.9400, 16.4840

Protanopia

94.6790, -37.9200, 15.4240

Deuteranopia

92.0260, -46.4470, 10.2650



Tritanopia

90.6630, -32.9640, -8.3240

Trichromacy



Original Color

95.1740, -34.9400, 16.4840

Protanomaly

94.9780, -37.3240, 15.6360

Deuteranomaly

93.5320, -42.0000, 12.2720

Tritanomaly

92.4600, -33.4700, 0.8500

Monochromacy



Original Color

95.1740, -34.9400, 16.4840

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

95.3440, -12.4720, 5.7680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.1740, -34.9400, 16.4840 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(72, 94, 162)` looks like.

```
.text, #text, p{  
    color:rgb(72, 94, 162)  
}
```

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(72, 94, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 94, 162) }
```

Border

The CSS property to change the border of an element to YIQ 95.1740, -34.9400, 16.4840 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(72, 94, 162) }
```


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

```
.border{ border-color:rgb(72, 94, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 94, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 94, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 94, 162);  
box-shadow:4px 4px 4px 4px rgb(72, 94,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 95.1740, -34.9400, 16.4840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 94, 162) }
```

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

```
.background{ background-color: rgb(72, 94,  
162) }
```

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