

Converting Colors

YIQ(102.4430, -34.8000, 2.9280)

Have a look what the booklet for
YIQ(102.4430, -34.8000, 2.9280)
contains.

YIQ(102.4430, -34.8000, 2.9280)	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(102.4430, -34.8000,
2.9280)**

Conversions

Conversions Part 1

Format	Color
Hex	476E92
RGB	71, 110, 146
RGB Percent	28%, 43%, 57%
CMY	0.7216, 0.5686, 0.4276
CMYK	0.51, 0.25, 0.00, 0.43
HSL	209°, 35%, 43%
HSV	209°, 51%, 57%
XYZ	13.3599, 14.5683, 29.2847
YIQ	102.4430, -34.8000, 2.9280

Conversions

Conversions Part 2

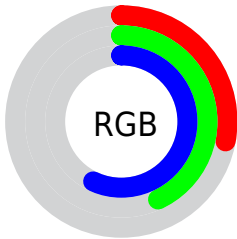
Format	Color
R _Y B	71, 97, 146
Decimal	4681362
CIE Lab	45.04, -3.12, -23.86
CIE LCh	45, 24.066, 262.551
Yxy	14.5683, 0.2335, 0.2546
Android (android.graphics.Color)	4282871442 (0xFF476E92)
YUV	102.4430, 21.4736, -27.5755
Hunter-Lab	38.1685, -4.3153, -18.7722

Details

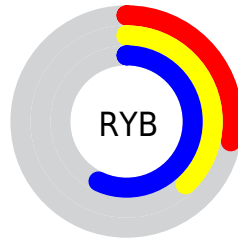
The YIQ color **102.4430, -34.8000, 2.9280** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **114.5570, 34.8000, -2.9280**, and the grayscale version is **102.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **154.3830, -34.5710, 4.2850**, and **51.3990, -40.6680, -0.8600** is the 20% darker color. If you saturate the color by 10%, you get **93.8490, -41.8150, 3.4090**, and if you desaturate by 10%, it is **111.0370, -27.7850, 2.4470**.

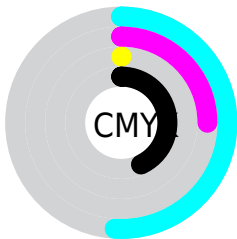
Distribution



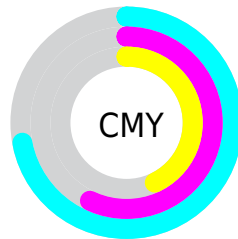
- Red (28%)
- Green (43%)
- Blue (57%)



- Red (28%)
- Yellow (38%)
- Blue (57%)



- Cyan (51%)
- Magenta (25%)
- Yellow (0%)
- Black (43%)



- Cyan (72%)
- Magenta (57%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 102.4430, -34.8000, 2.9280 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 102.4430, -34.8000, 2.9280 by changing the saturation by 10% instead.

■ 102.4430,
-34.8000, 2.9280

■ 102.4430,
-34.8000, 2.9280

■ 255.0000, -0.0000,
-0.0000

■ 77.3180, -35.9460,
1.6700

■ 154.3830,
-34.5710, 4.2850

■ 51.3990, -40.6680,
-0.8600

■ 181.4970,
-34.8920, 4.5960

■ 32.1610, -34.0660,
0.6380

■ 209.3830,
-34.5710, 4.2850

■ 17.9130, -21.5040,
4.2560

■ 234.7780,
-25.8580, -4.9460

■ 3.7790, -9.2630,
8.1850

■ 249.3190,
-11.3240, -4.0280

■ 0.0000, 0.0000,
0.0000

■ 102.4430,
-34.8000, 2.9280

■ 102.4430,
-34.8000, 2.9280

■ 93.8490, -41.8150,
3.4090

■ 111.0370,
-27.7850, 2.4470

■ 85.5540, -48.2340,
4.1020

■ 119.3320,
-21.3660, 1.7540

■ 76.9600, -55.2490,
4.5830

■ 127.9260,
-14.3510, 1.2730

■ 68.6650, -61.6680,
5.2760

■ 136.2210, -7.9320,
0.5800

■ 61.2560, -67.7660,
5.6580

■ 144.8150, -0.9170,
0.0990

■ 153.4090, 6.0980,
-0.3820

■ 161.7040, 12.5170,
-1.0750

■ 170.2980, 19.5320,

-1.5560

■ 178.5930, 25.9510,
-2.2490

Harmonies

Analogous

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



95.7950, -50.8910, -8.3230



102.4430, -34.8000, 2.9280



107.2610, -13.4360, 12.2280

Triad

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



102.4430, -34.8000, 2.9280



108.1460, 32.1840, 11.4480



101.3710, -9.0750, -17.2590

Complementary

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



102.4430, -34.8000, 2.9280



114.5570, 34.8000, -2.9280

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.



103.8310, 10.1810, -13.8110



102.4430, -34.8000, 2.9280



107.3490, 32.6900, 2.2740

Square

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



102.4430, -34.8000, 2.9280



109.2300, 23.3800, 16.8200



106.0610, 24.3930, -7.0550



97.2360, -30.6240, -17.6960

Rectangle

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



102.4430, -34.8000, 2.9280



108.9100, 0.9140, 16.4820



106.0610, 24.3930, -7.0550



101.9050, -1.8310, -16.3830

Sweetspot

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



102.4430, -34.8000, 2.9280



172.1110, -13.4340, 1.1740



119.0150, -31.8600, -28.3400



84.2210, -7.9320, 0.5800



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



102.4430, -34.8000, 2.9280



121.1450, -54.3320, 4.4840



80.7240, -24.6250, 22.2790



69.5590, -3.0720, 0.6080



57.9960, -64.0980, 5.2620



4.0750, -4.5850, 0.4950

Inverse Universe

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



97.8710, 32.1810, 28.0290



113.9370, 50.1510, 43.7750



135.6890, 24.9000, -21.7560



69.4350, 3.2090, 2.4170



49.4700, 59.1360, 51.6480



3.5600, 4.3550, 3.6750

Previews

White Background



This preview shows how the YIQ color 102.4430, -34.8000, 2.9280 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 102.4430, -34.8000, 2.9280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

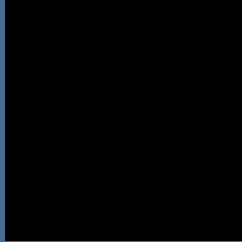
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

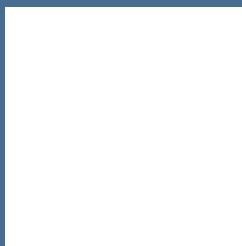
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 102.4430, -34.8000, 2.9280

Background



This preview shows how black text looks on a background with the YIQ color 102.4430, -34.8000, 2.9280.

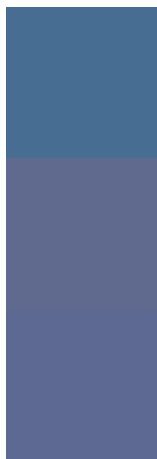


This preview shows how white text looks on a background with the YIQ color 102.4430, -34.8000,

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

102.4430, -34.8000, 2.9280

Protanopia

106.5270, -17.2410, 9.5990

Deuteranopia

106.2000, -20.6340, 10.5180



Tritanopia

99.7770, -33.2850, -8.0130

Trichromacy



Original Color

102.4430, -34.8000, 2.9280

Protanomaly

105.1240, -23.4760, 6.9560

Deuteranomaly

104.9820, -25.9520, 7.7760

Tritanomaly

100.9990, -33.7900, -4.3660

Monochromacy



Original Color

102.4430, -34.8000, 2.9280

Achromatopsia

102.0000, -0.0000, -0.0000

Achromatomaly

102.2960, -12.5170, 1.0750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 102.4430, -34.8000, 2.9280 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(71, 110, 146)` looks like.

```
.text, #text, p{  
    color:rgb(71, 110, 146)  
}
```

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(71, 110, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 110, 146) }
```

Border

The CSS property to change the border of an element to YIQ 102.4430, -34.8000, 2.9280 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(71, 110, 146) }
```


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

```
.border{ border-color:rgb(71, 110, 146) }
```

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

Here you see how a box with a 4 pixel rgb(71, 110, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 110, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 110, 146);  
box-shadow:4px 4px 4px 4px rgb(71, 110,  
146) }
```

Background

The CSS property to change the background color of an element to YIQ 102.4430, -34.8000, 2.9280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 110, 146) }
```

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

```
.background{ background-color: rgb(71, 110,  
146) }
```

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