

Converting Colors

YIQ(104.4430, -18.7460,
-34.7300)

Have a look what the booklet for
YIQ(104.4430, -18.7460, -34.7300)
contains.

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Color

**YIQ(104.4430, -18.7460,
-34.7300)**

Conversions

Conversions Part 1

Format	Color
Hex	418442
RGB	65, 132, 66
RGB Percent	25%, 52%, 26%
CMY	0.7453, 0.4822, 0.7412
CMYK	0.51, 0.00, 0.50, 0.48
HSL	121°, 34%, 39%
HSV	121°, 51%, 52%
XYZ	11.4148, 18.0255, 8.0310
YIQ	104.4430, -18.7460, -34.7300

Conversions

Conversions Part 2

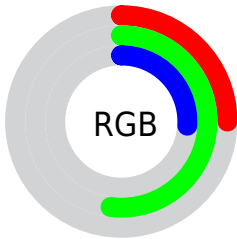
Format	Color
RYB	65, 131, 132
Decimal	4293698
CIELab	49.53, -35.76, 29.10
CIELCh	50, 46.103, 140.857
Yxy	18.0255, 0.3046, 0.4810
Android (android.graphics.Color)	4282483778 (0xFF418442)
YUV	104.4430, -18.9524, -34.5915
Hunter-Lab	42.4564, -26.3072, 18.5043

Details

The YIQ color **104.4430, -18.7460, -34.7300** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **92.5570, 18.7460, 34.7300**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.5740, -17.7370, -36.4970**, and **51.3110, -27.1820, -36.0300** is the 20% darker color. If you saturate the color by 10%, you get **99.0740, -22.3210, -41.5290**, and if you desaturate by 10%, it is **109.8120, -15.1710, -27.9310**.

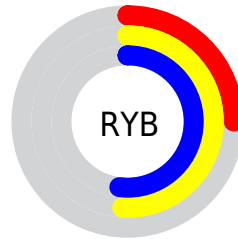
Distribution



Red (25%)

Green (52%)

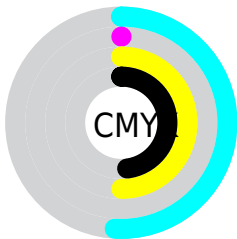
Blue (26%)



Red (25%)

Yellow (51%)

Blue (52%)

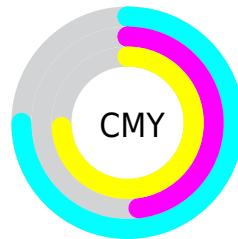


Cyan (51%)

Magenta (0%)

Yellow (50%)

Black (48%)



Cyan (75%)

Magenta (48%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 104.4430, -18.7460, -34.7300 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 104.4430, -18.7460, -34.7300 by changing the saturation by 10% instead.

■ 104.4430,
-18.7460, -34.7300

■ 104.4430,
-18.7460, -34.7300

■ 255.0000, -0.0000,
-0.0000

■ 78.4860, -20.3050,
-34.0090

■ 157.5740,
-17.7370, -36.4970

■ 51.0120, -27.7780,
-36.2420

■ 185.0470,
-17.6910, -37.3310

■ 34.0460, -15.9500,
-30.3340

■ 212.6340,
-17.9660, -37.8540

■ 21.7190, -10.1750,
-19.3510

■ 231.7150,
-13.5200, -30.3200

■ 0.0000, 0.0000,
0.0000

■ 243.6920, -5.5450,
-15.1530

254.6580, 0.9630,

-0.9330

■ 104.4430,
-18.7460, -34.7300

■ 104.4430,
-18.7460, -34.7300

■ 99.0740, -22.3210,
-41.5290

■ 109.8120,
-15.1710, -27.9310

■ 93.7050, -25.8960,
-48.3280

■ 115.1810,
-11.5960, -21.1320

■ 88.0370, -30.0670,
-55.3390

■ 120.8490, -7.4250,
-14.1210

■ 82.6680, -33.6420,
-62.1380

■ 126.2180, -3.8500,
-7.3220

■ 77.7120, -36.9420,
-68.4140

■ 131.5870, -0.2750,
-0.5230

■ 136.9560, 3.3000,
6.2760

■ 142.3250, 6.8750,
13.0750

■ 147.9930, 11.0460,
20.0860

■ 153.3620, 14.6210,
26.8850

Harmonies

Analogous

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



111.0210, 20.7290, -28.7670



104.4430, -18.7460, -34.7300



91.6880, -70.7840, -38.7840

Triad

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



104.4430, -18.7460, -34.7300



96.1920, -97.2450, -5.2530



116.3070, 60.0120, 24.7480

Complementary

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



104.4430, -18.7460, -34.7300



92.5570, 18.7460, 34.7300

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.



118.9590, 43.9170, 35.6050



104.4430, -18.7460, -34.7300



116.8200, -33.7030, 21.6010

Square

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



104.4430, -18.7460, -34.7300



98.9500, -93.9880, -14.7240



121.5500, 11.4560, 34.6880



115.5880, 59.8780, 5.1420

Rectangle

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



104.4430, -18.7460, -34.7300



95.3530, -79.7260, -30.9100



121.5500, 11.4560, 34.6880



116.9140, 56.9850, 30.0490

Sweetspot

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



104.4430, -18.7460, -34.7300



160.3760, -7.4710, -13.2870



124.3620, 21.5070, -20.8370



80.3920, -4.4000, -8.3680



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



104.4430, -18.7460, -34.7300



128.1620, -28.9210, -54.0810



108.0910, -29.0180, -24.7780



63.5220, -1.6500, -3.1380



76.5380, -36.3920, -67.3680



1.7610, -0.8250, -1.5690

Inverse Universe

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



92.5570, 18.7460, 34.7300



109.7240, 29.2420, 53.7700



88.7950, 29.3390, 24.4670



62.4780, 1.6500, 3.1380



53.4620, 36.3920, 67.3680



1.2390, 0.8250, 1.5690

Previews

White Background



This preview shows how the YIQ color 104.4430, -18.7460, -34.7300 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 104.4430, -18.7460, -34.7300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

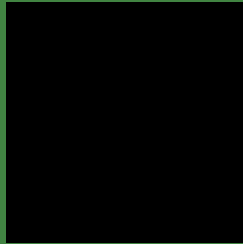
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 104.4430, -18.7460, -34.7300 Background



This preview shows how black text looks on a background with the YIQ color 104.4430, -18.7460, -34.7300.



This preview shows how white text looks on a background with the YIQ color 104.4430, -18.7460, -34.7300.

-34.7300.

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

104.4430, -18.7460, -34.7300

Protanopia

114.2040, 25.1280, -14.8720

Deuteranopia

116.2960, 31.0410, -6.3910



Tritanopia

112.0980, -29.7550, -5.9070

Trichromacy



Original Color

104.4430, -18.7460, -34.7300

Protanomaly

110.4900, 9.4030, -21.7410

Deuteranomaly

111.8050, 13.0700, -16.6100

Tritanomaly

109.5140, -25.5350, -16.3110

Monochromacy



Original Color

104.4430, -18.7460, -34.7300

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

104.0880, -6.6000, -12.5520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.4430, -18.7460, -34.7300 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(65, 132, 66)` looks like.

```
.text, #text, p{  
    color:rgb(65, 132, 66)  
}
```

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(65, 132, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 132, 66) }
```

Border

The CSS property to change the border of an element to YIQ 104.4430, -18.7460, -34.7300 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(65, 132, 66) }
```


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

```
.border{ border-color:rgb(65, 132, 66) }
```

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

Here you see how a box with a 4 pixel rgb(65, 132, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 132, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 132, 66);  
box-shadow:4px 4px 4px 4px rgb(65, 132,  
66) }
```

Background

The CSS property to change the background color of an element to YIQ 104.4430, -18.7460, -34.7300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 132, 66) }
```

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

```
.background{ background-color: rgb(65, 132,  
66) }
```

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](#).

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