

Converting Colors

YIQ(127.4130, -34.1150,
18.0530)

Have a look what the booklet for
YIQ(127.4130, -34.1150, 18.0530)
contains.

YIQ(127.4130, -34.1150, 18.0530)	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(127.4130, -34.1150,
18.0530)**

Conversions

Conversions Part 1

Format	Color
Hex	6A7DC4
RGB	106, 125, 196
RGB Percent	42%, 49%, 77%
CMY	0.5843, 0.5098, 0.2316
CMYK	0.46, 0.36, 0.00, 0.23
HSL	227°, 43%, 59%
HSV	227°, 46%, 77%
XYZ	23.2368, 21.7168, 55.1626
YIQ	127.4130, -34.1150, 18.0530

Conversions

Conversions Part 2

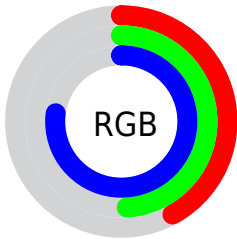
Format	Color
R _Y B	106, 122, 196
Decimal	6979012
CIE Lab	53.73, 12.10, -39.22
CIE LCh	54, 41.047, 287.150
Yxy	21.7168, 0.2321, 0.2169
Android (android.graphics.Color)	4285169092 (0xFF6A7DC4)
YUV	127.4130, 33.8134, -18.7792
Hunter-Lab	46.6013, 7.4532, -37.5616

Details

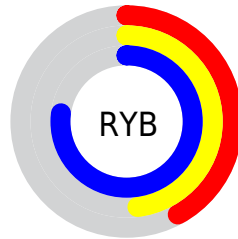
The YIQ color **127.4130, -34.1150, 18.0530** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **174.5870, 34.1150, -18.0530**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **180.8800, -33.9320, 20.2440**, and **76.0490, -36.0860, 15.2260** is the 20% darker color. If you saturate the color by 10%, you get **112.6280, -41.9100, 21.6580**, and if you desaturate by 10%, it is **142.1980, -26.3200, 14.4480**.

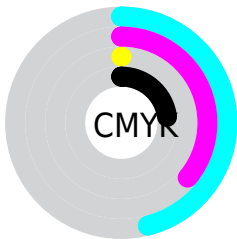
Distribution



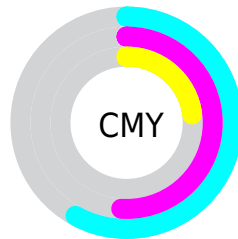
- Red (42%)
- Green (49%)
- Blue (77%)



- Red (42%)
- Yellow (48%)
- Blue (77%)



- Cyan (46%)
- Magenta (36%)
- Yellow (0%)
- Black (23%)



- Cyan (58%)
- Magenta (51%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.4130, -34.1150, 18.0530 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 127.4130, -34.1150, 18.0530 by changing the saturation by 10% instead.

■ 127.4130,
-34.1150, 18.0530

■ 127.4130,
-34.1150, 18.0530

■ 255.0000, -0.0000,
-0.0000

■ 101.4730,
-34.3440, 16.6960

■ 180.8800,
-33.9320, 20.2440

■ 76.6360, -36.3610,
14.7030

■ 205.9160,
-25.5860, 12.1580

■ 49.7060, -42.5500,
11.2260

■ 231.0230,
-16.0020, 3.6620

■ 29.7450, -38.2860,
11.0420

■ 252.9070, -4.1720,
-1.4840

■ 14.0950, -24.5320,
15.0840

■ 6.7770, -14.9490,
12.1150

■ 3.0950, -7.3370,

6.3190

■ 0.0000, 0.0000,
0.0000

■ 127.4130,
-34.1150, 18.0530

■ 127.4130,
-34.1150, 18.0530

■ 112.6280,
-41.9100, 21.6580

■ 142.1980,
-26.3200, 14.4480

■ 97.5550, -48.8340,
25.9980

■ 157.2710,
-19.3960, 10.1080

■ 82.7700, -56.6290,
29.6030

■ 172.0560,
-11.6010, 6.5030

■ 67.6970, -63.5530,
33.9430

■ 187.1290, -4.6770,
2.1630

■ 52.9120, -71.3480,
37.5480

■ 201.9140, 3.1180,
-1.4420

■ 46.4110, -74.1910,
39.5130

■ 217.2860, 10.6380,
-5.5700

■ 231.7720, 17.8370,
-9.3870

■ 244.7520, 20.5890,
-15.2110

■ 248.2740, 18.9390,
-18.3490

Harmonies

Analogous

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



102.8770, -100.9120, -10.3840



127.4130, -34.1150, 18.0530



132.2780, 6.2300, 30.2780

Triad

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



127.4130, -34.1150, 18.0530



127.9020, 56.1180, 7.2060



104.6460, -61.7980, -36.4380

Complementary

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



127.4130, -34.1150, 18.0530



174.5870, 34.1150, -18.0530

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.



118.3840, -11.0900, -30.3060



127.4130, -34.1150, 18.0530



126.0770, 44.6590, -10.9010

Square

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



127.4130, -34.1150, 18.0530



128.8440, 54.0060, 23.4620



123.5530, 22.2870, -23.9610



102.5740, -87.6580, -30.3300

Rectangle

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



127.4130, -34.1150, 18.0530



131.8800, 27.9620, 32.9060



123.5530, 22.2870, -23.9610



111.7750, -40.1120, -32.9760

Sweetspot

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



127.4130, -34.1150, 18.0530



227.8000, -13.7560, 7.0120



166.8100, -47.2200, -25.3000



110.8560, -8.1620, 4.7500



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



127.4130, -34.1150, 18.0530



147.9830, -52.9150, 28.3730



123.7350, -13.9900, 33.2900



89.3140, -3.7600, 2.0640



38.3120, -61.0310, 32.2890



7.8710, -12.5180, 6.6020

Inverse Universe

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



135.0760, 47.5410, 24.9890



160.1660, 74.1310, 38.6990



177.9660, 13.3940, -33.5020



90.2180, 5.3180, 2.7420



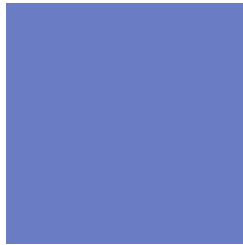
52.0150, 85.0420, 44.7060



10.6650, 17.4210, 9.1730

Previews

White Background



This preview shows how the YIQ color 127.4130, -34.1150, 18.0530 looks on a white background.

Color Contrast Check

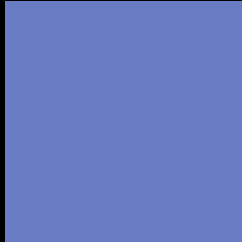
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 127.4130, -34.1150, 18.0530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

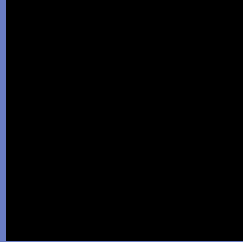
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 127.4130, -34.1150, 18.0530

Background



This preview shows how black text looks on a background with the YIQ color 127.4130, -34.1150, 18.0530.

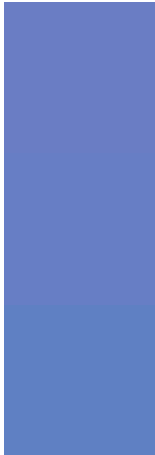


This preview shows how white text looks on a background with the YIQ color 127.4130, -34.1150,

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

127.4130, -34.1150, 18.0530

Protanopia

127.2170, -36.4990, 17.2050

Deuteranopia

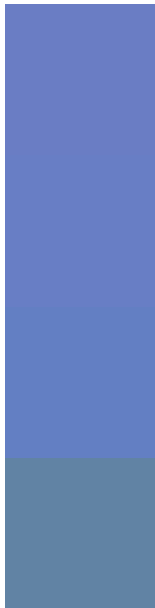
125.7710, -41.1750, 13.8410



Tritanopia

123.3970, -29.1590, -5.6950

Trichromacy



Original Color

127.4130, -34.1150, 18.0530

Protanomaly

127.5160, -35.9030, 17.4170

Deuteranomaly

126.3800, -38.5160, 15.2120

Tritanomaly

124.5960, -30.8570, 3.0550

Monochromacy



Original Color

127.4130, -34.1150, 18.0530

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.8710, -12.5180, 6.6020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.4130, -34.1150, 18.0530 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(106, 125, 196)` looks like.

```
.text, #text, p{  
    color:rgb(106, 125, 196)  
}
```

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(106, 125, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 125, 196) }
```

Border

The CSS property to change the border of an element to YIQ 127.4130, -34.1150, 18.0530 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(106, 125, 196) }
```


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

```
.border{ border-color:rgb(106, 125, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 125, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 125, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 125, 196);  
box-shadow:4px 4px 4px 4px rgb(106, 125,  
196) }
```

Background

The CSS property to change the background color of an element to YIQ 127.4130, -34.1150, 18.0530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 125, 196) }
```

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

```
.background{ background-color: rgb(106,  
125, 196) }
```

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