

Converting Colors

YIQ(184.6510, -14.3540,
17.8540)

Have a look what the booklet for
YIQ(184.6510, -14.3540, 17.8540)
contains.

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Color

**YIQ(184.6510, -14.3540,
17.8540)**

Conversions

Conversions Part 1

Format	Color
Hex	B6B1E7
RGB	182, 177, 231
RGB Percent	71%, 69%, 91%
CMY	0.2862, 0.3059, 0.0942
CMYK	0.21, 0.23, 0.00, 0.09
HSL	246°, 53%, 80%
HSV	246°, 23%, 91%
XYZ	49.4361, 47.1581, 82.0795
YIQ	184.6510, -14.3540, 17.8540

Conversions

Conversions Part 2

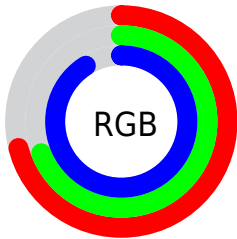
Format	Color
RYB	182, 177, 231
Decimal	11973095
CIELab	74.29, 12.92, -26.35
CIElCh	74, 29.345, 296.122
Yxy	47.1581, 0.2767, 0.2639
Android (android.graphics.Color)	4290163175 (0xFFB6B1E7)
YUV	184.6510, 22.8501, -2.3249
Hunter-Lab	68.6718, 8.3249, -22.7958

Details

The YIQ color **184.6510, -14.3540, 17.8540** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **223.3490, 14.3540, -17.8540**, and the grayscale version is **184.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **237.3020, -3.4860, 8.1140**, and **131.0100, -13.9870, 16.7090** is the 20% darker color. If you saturate the color by 10%, you get **164.8710, -20.5450, 25.4310**, and if you desaturate by 10%, it is **204.4310, -8.1630, 10.2770**.

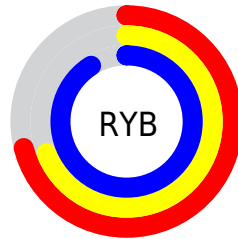
Distribution



Red (71%)

Green (69%)

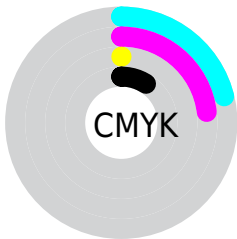
Blue (91%)



Red (71%)

Yellow (69%)

Blue (91%)

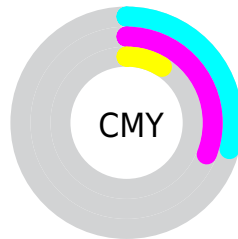


Cyan (21%)

Magenta (23%)

Yellow (0%)

Black (9%)



Cyan (29%)

Magenta (31%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 184.6510, -14.3540, 17.8540 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 184.6510, -14.3540, 17.8540 by changing the saturation by 10% instead.

■ 184.6510,
-14.3540, 17.8540

■ 184.6510,
-14.3540, 17.8540

■ 255.0000, -0.0000,
-0.0000

■ 157.5370,
-14.0330, 17.5430

■ 237.3020, -3.4860,
8.1140

■ 131.0100,
-13.9870, 16.7090

■ 106.3690,
-13.6200, 15.5640

■ 81.9560, -13.8950,
15.0410

■ 58.0160, -14.1240,
13.6840

■ 35.7770, -14.9490,
12.1150

■ 12.8910, -15.2700,

12.4260

■ 4.4800, -9.8590,
7.9730

■ 0.0000, 0.0000,
0.0000

■ 184.6510,
-14.3540, 17.8540

■ 184.6510,
-14.3540, 17.8540

■ 164.8710,
-20.5450, 25.4310

■ 204.4310, -8.1630,
10.2770

■ 145.0910,
-26.7360, 33.0080

■ 224.2110, -1.9720,
2.7000

■ 125.3110,
-32.9270, 40.5850

■ 243.9910, 4.2190,
-4.8770

■ 105.5310,
-39.1180, 48.1620

■ 252.2640, 7.7040,
-7.4640

■ 85.7510, -45.3090,
55.7390

■ 65.3840, -51.2250,
63.8390

■ 45.6040, -57.4160,
71.4160

■ 32.6130, -61.6350,
76.2930

Harmonies

Analogous

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



178.8430, -41.6780, 6.4340



184.6510, -14.3540, 17.8540



186.8840, 12.9710, 23.7470

Triad

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



184.6510, -14.3540, 17.8540



184.0960, 43.6480, 1.9200



171.5010, -41.8560, -23.3920

Complementary

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



184.6510, -14.3540, 17.8540



223.3490, 14.3540, -17.8540

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.



174.8600, -15.1260, -23.2380



184.6510, -14.3540, 17.8540



181.6610, 31.2710, -10.5610

Square

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



184.6510, -14.3540, 17.8540



185.3710, 44.7920, 14.2320



178.5550, 10.7780, -19.1260



168.9090, -60.3800, -18.0760

Rectangle

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



184.6510, -14.3540, 17.8540



186.7840, 27.8720, 23.5200



178.5550, 10.7780, -19.1260



172.5790, -33.3280, -23.7600

Sweetspot

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



184.6510, -14.3540, 17.8540



239.6500, -4.5860, 6.0220



211.9190, -30.8090, -8.8330



118.5530, -2.9350, 3.6330



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.



184.6510, -14.3540, 17.8540



193.8880, -19.2150, 23.3530



192.4250, 1.1420, 23.3660



104.6670, -3.2560, 3.9440



25.4890, -47.3270, 59.2730



7.3090, -13.3910, 16.9210

Inverse Universe

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



198.7320, 16.4550, 26.6870



212.5250, 21.7720, 34.9560



215.2760, -1.7380, -23.5780



107.8420, 3.6210, 5.9650



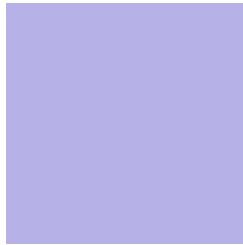
71.9890, 54.6820, 88.3300



20.4930, 15.6300, 25.1180

Previews

White Background



This preview shows how the YIQ color 184.6510, -14.3540, 17.8540 looks on a white background.

Color Contrast Check

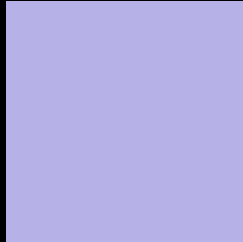
Large Text (above 18pt) WCAG AA × Fail

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 184.6510, -14.3540, 17.8540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

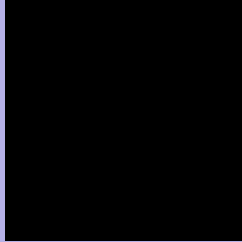
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 184.6510, -14.3540, 17.8540

Background



This preview shows how black text looks on a background with the YIQ color 184.6510, -14.3540, 17.8540.



This preview shows how white text looks on a background with the YIQ color 184.6510, -14.3540, 17.8540.

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

184.6510, -14.3540, 17.8540

Protanopia

183.4540, -24.1650, 13.9390

Deuteranopia

183.7320, -19.0760, 15.3240



Tritanopia

182.6170, -8.9870, 3.1810

Trichromacy



Original Color

184.6510, -14.3540, 17.8540

Protanomaly

184.2480, -20.5890, 15.2110

Deuteranomaly

184.0420, -17.0130, 16.4830

Tritanomaly

183.4090, -11.0970, 8.3830

Monochromacy



Original Color

184.6510, -14.3540, 17.8540

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

184.8780, -5.2280, 6.6440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.6510, -14.3540, 17.8540 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(182, 177, 231)` looks like.

```
.text, #text, p{  
    color:rgb(182, 177, 231)  
}
```

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(182, 177, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 177, 231) }
```

Border

The CSS property to change the border of an element to YIQ 184.6510, -14.3540, 17.8540 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(182, 177, 231) }
```


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

```
.border{ border-color:rgb(182, 177, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 177, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 177, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 177, 231);  
box-shadow:4px 4px 4px 4px rgb(182, 177,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 184.6510, -14.3540, 17.8540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 177, 231) }
```

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

```
.background{ background-color: rgb(182,  
177, 231) }
```

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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