

# Converting Colors

YIQ(182.8540, -21.8750,  
27.5090)

Have a look what the booklet for  
YIQ(182.8540, -21.8750, 27.5090)  
contains.

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# Color

**YIQ(182.8540, -21.8750,  
27.5090)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3ABFE
RGB	179, 171, 254
RGB Percent	70%, 67%, 100%
CMY	0.2980, 0.3294, 0.0041
CMYK	0.30, 0.33, 0.00, 0.00
HSL	246°, 98%, 83%
HSV	246°, 33%, 100%
XYZ	51.0401, 45.8638, 99.8961
YIQ	182.8540, -21.8750, 27.5090

# Conversions

## Conversions Part 2

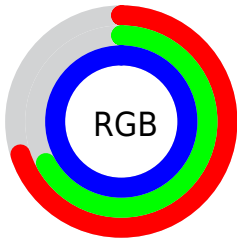
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	179, 171, 254
Decimal	11774974
CIE <sub>Lab</sub>	73.46, 20.82, -40.10
CIE <sub>LCh</sub>	73, 45.183, 297.433
Yxy	45.8638, 0.2594, 0.2330
Android (android.graphics.Color)	4289965054 (0xFFB3ABFE)
YUV	182.8540, 35.0750, -3.3800
Hunter-Lab	67.7228, 16.0138, -40.0511

# Details

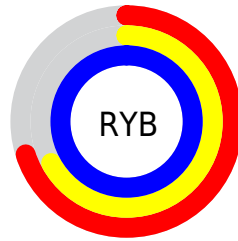
The YIQ color  $182.8540, -21.8750, 27.5090$  is a light color, and the websafe version is hex  $9999FF$ . A complement of this color would be  $242.1460, 21.8750, -27.5090$ , and the grayscale version is  $183.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $232.2960, -3.3490, 11.1390$ , and  $129.3870, -22.0580, 25.3180$  is the 20% darker color. If you saturate the color by 10%, you get  $161.3020, -28.7080, 35.7080$ , and if you desaturate by 10%, it is  $204.4060, -15.0420, 19.3100$ .

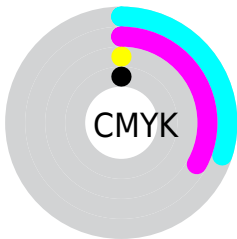
# Distribution



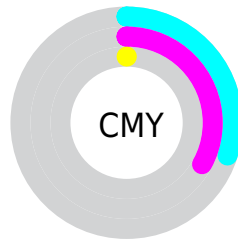
- Red (70%)
- Green (67%)
- Blue (100%)



- Red (70%)
- Yellow (67%)
- Blue (100%)



- Cyan (30%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (33%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 182.8540, -21.8750, 27.5090 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 182.8540, -21.8750, 27.5090 by changing the saturation by 10% instead.



■ 182.8540,  
-21.8750, 27.5090

■ 182.8540,  
-21.8750, 27.5090

■ 255.0000, -0.0000,  
-0.0000

■ 155.3270,  
-21.8290, 26.6750

■ 232.2960, -3.3490,  
11.1390

■ 129.3870,  
-22.0580, 25.3180

■ 103.4470,  
-22.2870, 23.9610

■ 78.6210, -22.8370,  
22.9150

■ 54.6700, -24.5330,  
20.6110

■ 29.6260, -30.4010,  
16.8230

■ 9.5130, -22.6530,

19.5790

■ 6.8910, -15.2700,  
12.4260

■ 3.2090, -7.6580,  
6.6300

■ 182.8540,  
-21.8750, 27.5090

■ 182.8540,  
-21.8750, 27.5090

■ 161.3020,  
-28.7080, 35.7080

■ 204.4060,  
-15.0420, 19.3100

■ 139.1630,  
-35.2660, 44.4300

■ 226.5450, -8.4840,  
10.5880

■ 117.6110,  
-42.0990, 52.6290

■ 248.0970, -1.6510,  
2.3890

■ 95.4720, -48.6570,  
61.3510

■ 254.8860, 0.3210,  
-0.3110

■ 73.9200, -55.4900,  
69.5500

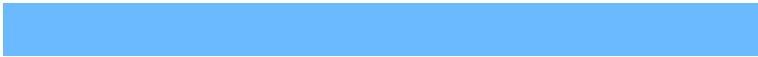
■ 52.3680, -62.3230,  
77.7490

■ 36.4310, -66.6340,  
84.2940

# Harmonies

## Analogous

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



170.2450, -69.2330, 4.7110



182.8540, -21.8750, 27.5090



185.8070, 21.0380, 37.2460

# Triad

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



182.8540, -21.8750, 27.5090



180.2200, 63.7300, 1.4100



152.5770, -83.7130, -41.2570

# Complementary

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



182.8540, -21.8750, 27.5090



242.1460, 21.8750, -27.5090

# 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.



166.7840, -27.1360, -36.8640



182.8540, -21.8750, 27.5090



177.6330, 45.6690, -18.1950

# Square

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



182.8540, -21.8750, 27.5090



180.7110, 64.5060, 20.3940



173.1450, 14.4480, -30.5760



142.7250, -124.9320, -37.6360



# Rectangle

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



182.8540, -21.8750, 27.5090



184.7140, 43.2290, 37.0610



173.1450, 14.4480, -30.5760



159.0650, -61.6600, -38.9400

# Sweetspot

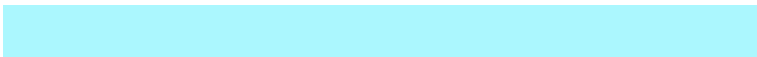
The Sweet Spot groups the original color and five complimentary colors.



182.8540, -21.8750, 27.5090



233.4480, -6.8330, 8.1990



225.0740, -47.5430, -13.9350



114.4220, -3.9440, 5.4000



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.



182.8540, -21.8750, 27.5090



169.9770, -26.4150, 32.6970



194.8140, 1.9650, 35.9890



116.7810, -3.5770, 4.2550



27.1560, -50.5830, 63.2170



9.0900, -16.9680, 21.1760



# Inverse Universe

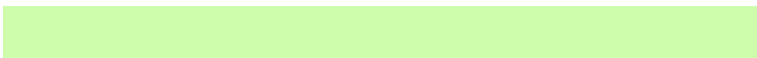
The Inverse Universe completely reimagines the original color for something new.



204.3670, 25.3930, 40.9210



195.7470, 30.4350, 48.6670



230.1860, -1.9650, -35.9890



120.1410, 4.2170, 6.1770



76.8310, 58.3030, 94.2950

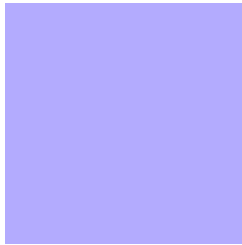


25.7480, 19.5260, 31.6060



# Previews

## White Background



This preview shows how the YIQ color 182.8540, -21.8750, 27.5090 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

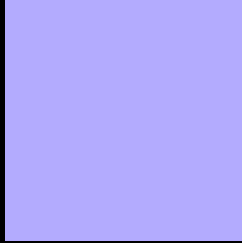
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 182.8540, -21.8750, 27.5090 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

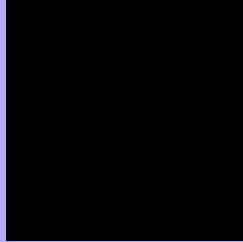
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 182.8540, -21.8750, 27.5090

## Background



This preview shows how black text looks on a background with the YIQ color 182.8540, -21.8750, 27.5090.



This preview shows how white text looks on a background with the YIQ color 182.8540, -21.8750,



# 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

182.8540, -21.8750, 27.5090

### Protanopia

180.2000, -37.8290, 19.2830

### Deuteranopia

179.5590, -37.4620, 18.1380



## Tritanopia

179.2250, -13.7550, 1.4850

# Trichromacy



## Original Color

182.8540, -21.8750, 27.5090

## Protanomaly

180.8310, -32.2360, 22.5480

## Deuteranomaly

180.6030, -31.5940, 21.9260

## Tritanomaly

180.4670, -17.0120, 10.9560

# Monochromacy



## Original Color

182.8540, -21.8750, 27.5090

## Achromatopsia

183.0000, -0.0000, -0.0000

## Achromatomaly

183.3170, -7.8420, 9.9660

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 182.8540, -21.8750, 27.5090 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(179, 171, 254)` looks like.

```
.text, #text, p{  
    color:rgb(179, 171, 254)  
}
```

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(179, 171, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 171, 254) }
```

## Border

The CSS property to change the border of an element to YIQ 182.8540, -21.8750, 27.5090 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(179, 171, 254) }
```



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

```
.border{ border-color:rgb(179, 171, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 171, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 171, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 171, 254);  
box-shadow:4px 4px 4px 4px rgb(179, 171,  
254) }
```

# Background

The CSS property to change the background color of an element to YIQ 182.8540, -21.8750, 27.5090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 171, 254) }
```

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

```
.background{ background-color: rgb(179,  
171, 254) }
```

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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