

# Converting Colors

YIQ(131.4100, 5.4980, 21.5140)

Have a look what the booklet for  
YIQ(131.4100, 5.4980, 21.5140)  
contains.

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# Color

**YIQ(131.4100, 5.4980,  
21.5140)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9674A2
RGB	150, 116, 162
RGB Percent	59%, 45%, 64%
CMY	0.4117, 0.5451, 0.3647
CMYK	0.07, 0.28, 0.00, 0.36
HSL	284°, 20%, 55%
HSV	284°, 28%, 64%
XYZ	25.3478, 21.5827, 37.0107
YIQ	131.4100, 5.4980, 21.5140

# Conversions

## Conversions Part 2

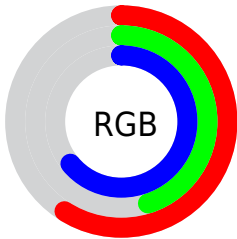
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 116, 162
Decimal	9860258
CIE <sub>Lab</sub>	53.58, 21.92, -19.61
CIE <sub>LCh</sub>	54, 29.411, 318.180
Yxy	21.5827, 0.3020, 0.2571
Android (android.graphics.Color)	4288050338 (0xFF9674A2)
YUV	131.4100, 15.0809, 16.3034
Hunter-Lab	46.4572, 16.0926, -14.7141

# Details

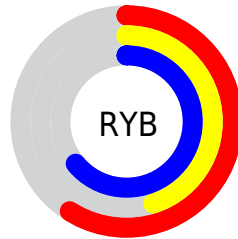
The YIQ color **131.4100, 5.4980, 21.5140** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **146.5900, -5.4980, -21.5140**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.6490, 6.3230, 23.0830**, and **81.4700, 5.2690, 20.1570** is the 20% darker color. If you saturate the color by 10%, you get **120.8220, 7.5140, 29.0340**, and if you desaturate by 10%, it is **141.9980, 3.4820, 13.9940**.

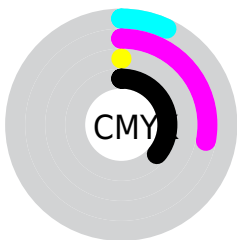
# Distribution



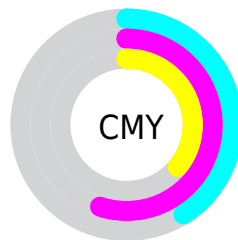
- Red (59%)
- Green (45%)
- Blue (64%)



- Red (59%)
- Yellow (45%)
- Blue (64%)



- Cyan (7%)
- Magenta (28%)
- Yellow (0%)
- Black (36%)



- Cyan (41%)
- Magenta (55%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 131.4100, 5.4980, 21.5140 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 131.4100, 5.4980, 21.5140 by changing the saturation by 10% instead.



■ 131.4100, 5.4980,  
21.5140

■ 131.4100, 5.4980,  
21.5140

■ 255.0000, -0.0000,  
-0.0000

■ 105.9970, 5.2230,  
20.9910

■ 184.6490, 6.3230,  
23.0830

■ 81.4700, 5.2690,  
20.1570

■ 212.6490, 6.3230,  
23.0830

■ 58.3450, 4.1230,  
18.8990

■ 236.8030, 8.5250,  
16.2130

■ 35.8180, 4.1690,  
18.0650

■ 253.2390, 0.8250,  
1.5690

■ 13.5300, 5.0400,  
18.8000

■ 2.7530, -6.3740,  
5.3860

■ 0.0000, 0.0000,

0.0000

■ 131.4100, 5.4980,  
21.5140

■ 131.4100, 5.4980,  
21.5140

■ 120.8220, 7.5140,  
29.0340

■ 141.9980, 3.4820,  
13.9940

■ 110.2340, 9.5300,  
36.5540

■ 152.5860, 1.4660,  
6.4740

■ 98.7600, 11.2250,  
44.3850

■ 164.0600, -0.2290,  
-1.3570

■ 88.1720, 13.2410,  
51.9050

■ 174.6480, -2.2450,  
-8.8770

■ 77.5840, 15.2570,  
59.4250

■ 185.2360, -4.2610,  
-16.3970

■ 66.9960, 17.2730,  
66.9450

■ 195.8240, -6.2770,  
-23.9170

■ 56.4080, 19.2890,  
74.4650

■ 206.7110, -7.6970,  
-31.2250

■ 54.3480, 19.5180,  
75.8220

■ 217.8860, -9.9880,  
-39.2680

■ 224.3650,  
-10.0790, -43.1270

# Harmonies

## Analogous

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



128.4220, -21.1390, 14.1650



131.4100, 5.4980, 21.5140



131.5450, 27.0470, 21.9510

# Triad

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



131.4100, 5.4980, 21.5140



127.1390, 32.9210, -7.4230



110.4200, -63.4970, -22.1610

# Complementary

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



131.4100, 5.4980, 21.5140



146.5900, -5.4980, -21.5140

# 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.



116.7360, -35.2080, -22.7280



131.4100, 5.4980, 21.5140



124.4740, 15.5000, -16.5960

# Square

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



131.4100, 5.4980, 21.5140



128.4210, 41.3550, 4.9310



121.8070, -7.6070, -21.8390



110.8680, -70.3300, -13.9620



# Rectangle

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



131.4100, 5.4980, 21.5140



130.2270, 36.6300, 18.9820



121.8070, -7.6070, -21.8390



112.3840, -54.6480, -22.8400

# Sweetspot

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



131.4100, 5.4980, 21.5140



199.3520, 2.2450, 8.8770



128.2880, -18.0660, 8.0300



99.0590, 1.5120, 5.6400



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000



# Same Dimension

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



131.4100, 5.4980, 21.5140



164.0550, 8.4760, 33.6280



133.7440, 16.1810, 20.6370



75.8200, 0.6870, 4.0710



48.8220, 17.8230, 67.9910



5.9390, 1.9700, 8.3540



# Inverse Universe

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



131.1220, 23.5640, 13.4840



163.5800, 37.1340, 20.8620



144.2560, -16.1810, -20.6370



76.0330, 4.4010, 2.8410



47.6870, 74.2220, 42.5580

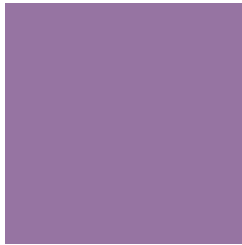


5.9520, 9.1230, 5.3710



# Previews

## White Background



This preview shows how the YIQ color 131.4100, 5.4980, 21.5140 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

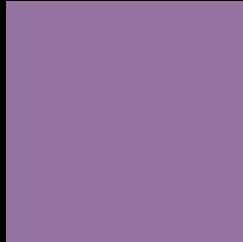
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 131.4100, 5.4980, 21.5140 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

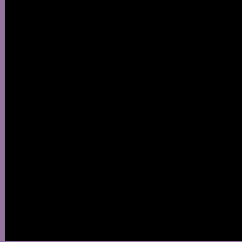
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 131.4100, 5.4980, 21.5140

## Background



This preview shows how black text looks on a background with the YIQ color 131.4100, 5.4980, 21.5140.



This preview shows how white text looks on a background with the YIQ color 131.4100, 5.4980,



# 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

131.4100, 5.4980, 21.5140

### Protanopia

128.6130, -20.3590, 11.0410

### Deuteranopia

129.2780, -12.1060, 10.1500



## Tritanopia

129.9030, 10.8190, 7.6750

# Trichromacy



## Original Color

131.4100, 5.4980, 21.5140

## Protanomaly

129.5110, -11.1440, 14.7440

## Deuteranomaly

129.7350, -5.9630, 14.4610

## Tritanomaly

130.5810, 9.0300, 12.5660

# Monochromacy



## Original Color

131.4100, 5.4980, 21.5140

## Achromatopsia

131.0000, -0.0000, -0.0000

## Achromatomaly

131.4120, 2.0160, 7.5200

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 131.4100, 5.4980, 21.5140 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(150, 116, 162)` looks like.

```
.text, #text, p{  
    color:rgb(150, 116, 162)  
}
```

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(150, 116, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 116, 162) }
```

## Border

The CSS property to change the border of an element to YIQ 131.4100, 5.4980, 21.5140 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(150, 116, 162) }
```



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

```
.border{ border-color:rgb(150, 116, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 116, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 116, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 116, 162);  
box-shadow:4px 4px 4px 4px rgb(150, 116,  
162) }
```

# Background

The CSS property to change the background color of an element to YIQ 131.4100, 5.4980, 21.5140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 116, 162) }
```

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

```
.background{ background-color: rgb(150,  
116, 162) }
```

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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