

# Converting Colors

YIQ(121.7610, -27.1880,  
-2.8680)

Have a look what the booklet for  
YIQ(121.7610, -27.1880, -2.8680)  
contains.

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# Color

**YIQ(121.7610, -27.1880,  
-2.8680)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E8393
RGB	94, 131, 147
RGB Percent	37%, 51%, 58%
CMY	0.6314, 0.4862, 0.4236
CMYK	0.36, 0.11, 0.00, 0.42
HSL	198°, 22%, 47%
HSV	198°, 36%, 58%
XYZ	17.9965, 20.7210, 30.6422
YIQ	121.7610, -27.1880, -2.8680

# Conversions

## Conversions Part 2

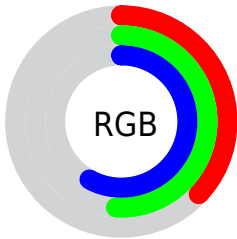
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	94, 116, 147
Decimal	6194067
CIE Lab	52.64, -8.76, -12.71
CIE LCh	53, 15.440, 235.430
Yxy	20.7210, 0.2595, 0.2987
Android (android.graphics.Color)	4284384147 (0xFF5E8393)
YUV	121.7610, 12.4428, -24.3464
Hunter-Lab	45.5204, -9.0906, -8.0470

# Details

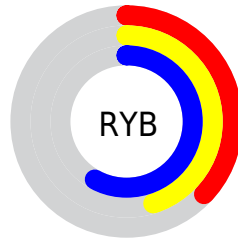
The YIQ color  $[121.7610, -27.1880, -2.8680]$  is a dark color, and the websafe version is hex  $669999$ . A complement of this color would be  $[119.2390, 27.1880, 2.8680]$ , and the grayscale version is  $[122.0000, 0.0000, -0.0000]$ .

A 20% lighter version of the original color is  $[174.5760, -28.1050, -2.7690]$ , and  $[72.2340, -27.1420, -3.7020]$  is the 20% darker color. If you saturate the color by 10%, you get  $[114.9280, -35.0280, -3.9560]$ , and if you desaturate by 10%, it is  $[128.5940, -19.3480, -1.7800]$ .

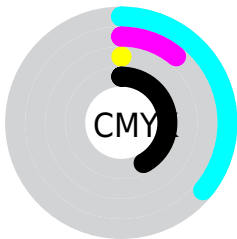
# Distribution



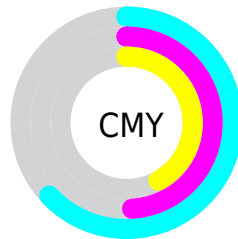
- Red (37%)
- Green (51%)
- Blue (58%)



- Red (37%)
- Yellow (45%)
- Blue (58%)



- Cyan (36%)
- Magenta (11%)
- Yellow (0%)
- Black (42%)



- Cyan (63%)
- Magenta (49%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 121.7610, -27.1880, -2.8680 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 121.7610, -27.1880, -2.8680 by changing the saturation by 10% instead.



■ 121.7610,  
-27.1880, -2.8680

■ 121.7610,  
-27.1880, -2.8680

■ 255.0000, -0.0000,  
-0.0000

■ 96.6470, -26.8670,  
-3.1790

■ 174.5760,  
-28.1050, -2.7690

■ 72.2340, -27.1420,  
-3.7020

■ 202.2770,  
-28.7010, -2.9810

■ 48.3370, -28.9300,  
-4.3380

■ 230.0490,  
-28.0590, -3.6030

■ 27.4190, -26.2250,  
-3.8010

■ 247.5250,  
-14.9000, -5.3000

■ 12.6980, -13.7090,  
0.6510

■ 0.0000, 0.0000,  
0.0000

■ 121.7610,  
-27.1880, -2.8680

■ 121.7610,  
-27.1880, -2.8680

■ 114.9280,  
-35.0280, -3.9560

■ 128.5940,  
-19.3480, -1.7800

■ 107.8070,  
-41.9970, -4.3090

■ 135.7150,  
-12.3790, -1.4270

■ 100.9740,  
-49.8370, -5.3970

■ 142.5480, -4.5390,  
-0.3390

■ 93.5540, -57.4020,  
-5.9620

■ 149.9680, 3.0260,  
0.2260

■ 86.7210, -65.2420,  
-7.0500

■ 156.5020, 10.2700,  
1.1020

■ 79.6000, -72.2110,  
-7.4030


■ 163.9220, 17.8350,  
1.6670

■ 77.2190, -75.5120,  
-8.1520

■ 170.7550, 25.6750,  
2.7550

■ 177.5880, 33.5150,

3.8430

 184.7090, 40.4840,  
4.1960

# Harmonies

## Analogous

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



120.4850, -26.5910, -8.1830



121.7610, -27.1880, -2.8680



124.1690, -19.3490, 3.7470

# Triad

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



121.7610, -27.1880, -2.8680



127.8330, 17.0080, 11.1520



123.8400, 5.9620, -8.9340

# Complementary

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



121.7610, -27.1880, -2.8680



119.2390, 27.1880, 2.8680

# 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.



125.3360, 16.3690, -4.8070



121.7610, -27.1880, -2.8680



127.5360, 22.0980, 7.0100

# Square

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



121.7610, -27.1880, -2.8680



128.0860, 6.0500, 11.5060



126.5480, 21.8240, 0.9600



122.6150, -6.6460, -11.7180



# Rectangle

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



121.7610, -27.1880, -2.8680



125.8820, -11.0510, 7.5490



126.5480, 21.8240, 0.9600



124.5200, 9.8590, -7.9730

# Sweetspot

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



121.7610, -27.1880, -2.8680



181.1990, -10.8660, -1.3140



126.9350, -19.7110, -22.7430



90.7650, -6.6480, -0.6640



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000



# Same Dimension

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



121.7610, -27.1880, -2.8680



151.8070, -41.9970, -4.3090



106.4990, -20.0380, 10.7300



70.7330, -3.6220, -0.4380



72.0840, -70.6980, -7.2900



5.2490, -5.1350, -0.5510



# Inverse Universe

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



114.0650, 19.7110, 22.7430



140.0160, 30.5750, 35.1110



134.5010, 20.0380, -10.7300



69.6630, 2.5670, 3.0390



52.2060, 51.4320, 59.1120



3.7880, 3.7130, 4.2970



# Previews

## White Background



This preview shows how the YIQ color 121.7610, -27.1880, -2.8680 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 121.7610, -27.1880, -2.8680 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 121.7610, -27.1880, -2.8680

## Background



This preview shows how black text looks on a background with the YIQ color 121.7610, -27.1880, -2.8680.



This preview shows how white text looks on a background with the YIQ color 121.7610, -27.1880,

-2.8680.

# 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

121.7610, -27.1880, -2.8680

### Protanopia

125.5680, -7.2910, 5.4850

### Deuteranopia

126.2740, -6.2830, 9.2450



## Tritanopia

121.4790, -26.4540, -5.1580

# Trichromacy



## Original Color

121.7610, -27.1880, -2.8680

## Protanomaly

124.4530, -14.3970, 2.1070

## Deuteranomaly

124.3330, -13.9390, 4.8210

## Tritanomaly

121.7070, -27.0960, -4.5360

# Monochromacy



## Original Color

121.7610, -27.1880, -2.8680

## Achromatopsia

122.0000, 0.0000, -0.0000

## Achromatomaly

121.7970, -9.6740, -0.8900

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 121.7610, -27.1880, -2.8680 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(94, 131, 147)` looks like.

```
.text, #text, p{  
    color:rgb(94, 131, 147)  
}
```

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(94, 131, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 131, 147) }
```

## Border

The CSS property to change the border of an element to YIQ 121.7610, -27.1880, -2.8680 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".

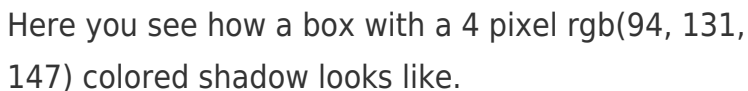
```
.border, #border, table{ border:4px solid rgb(94, 131, 147) }
```



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

```
.border{ border-color:rgb(94, 131, 147) }
```

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



Here you see how a box with a 4 pixel `rgb(94, 131, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(94, 131, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(94, 131, 147); box-shadow:4px 4px 4px 4px rgb(94, 131, 147) }
```

# Background

The CSS property to change the background color of an element to YIQ 121.7610, -27.1880, -2.8680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 131, 147) }
```

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

```
.background{ background-color: rgb(94, 131,  
147) }
```

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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