

# Converting Colors

YIQ(142.8930, -18.7520,  
-1.5680)

Have a look what the booklet for  
YIQ(142.8930, -18.7520, -1.5680)  
contains.

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# Color

**YIQ(142.8930, -18.7520,  
-1.5680)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C95A1
RGB	124, 149, 161
RGB Percent	49%, 58%, 63%
CMY	0.5138, 0.4156, 0.3687
CMYK	0.23, 0.07, 0.00, 0.37
HSL	199°, 16%, 56%
HSV	199°, 23%, 63%
XYZ	25.4905, 28.3548, 37.8379
YIQ	142.8930, -18.7520, -1.5680

# Conversions

## Conversions Part 2

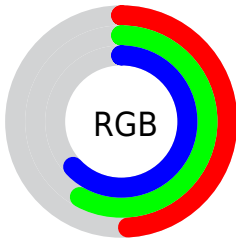
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	124, 139, 161
Decimal	8164769
CIE <sub>Lab</sub>	60.21, -6.04, -9.22
CIE <sub>LCh</sub>	60, 11.021, 236.759
Yxy	28.3548, 0.2780, 0.3093
Android (android.graphics.Color)	4286354849 (0xFF7C95A1)
YUV	142.8930, 8.9268, -16.5692
Hunter-Lab	53.2492, -7.7378, -4.8559

# Details

The YIQ color  $142.8930, -18.7520, -1.5680$  is a dark color, and the websafe version is hex  $999999$ . A complement of this color would be  $142.1070, 18.7520, 1.5680$ , and the grayscale version is  $143.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $196.7080, -19.6690, -1.4690$ , and  $92.0780, -17.8350, -1.6670$  is the 20% darker color. If you saturate the color by 10%, you get  $135.1740, -26.9130, -2.3450$ , and if you desaturate by 10%, it is  $150.6120, -10.5910, -0.7910$ .

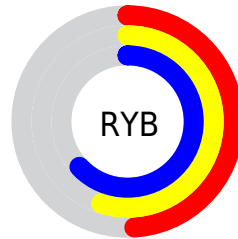
# Distribution



Red (49%)

Green (58%)

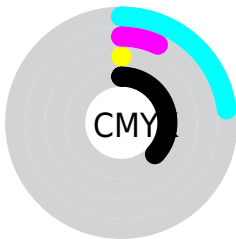
Blue (63%)



Red (49%)

Yellow (55%)

Blue (63%)

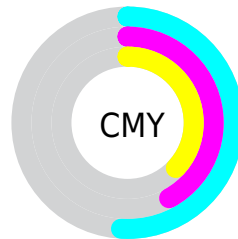


Cyan (23%)

Magenta (7%)

Yellow (0%)

Black (37%)



Cyan (51%)

Magenta (42%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 142.8930, -18.7520, -1.5680 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 142.8930, -18.7520, -1.5680 by changing the saturation by 10% instead.



■ 142.8930,  
-18.7520, -1.5680

■ 142.8930,  
-18.7520, -1.5680

■ 255.0000, -0.0000,  
-0.0000

■ 117.1920,  
-18.1560, -1.3560

■ 196.7080,  
-19.6690, -1.4690

■ 92.0780, -17.8350,  
-1.6670

■ 224.7080,  
-19.6690, -1.4690

■ 68.9640, -17.5140,  
-1.9780

■ 248.4220,  
-13.1120, -4.6640

■ 45.9640, -17.5140,  
-1.9780

■ 24.2520, -18.3850,  
-2.7130

■ 3.4540, -6.9700,  
5.1740

■ 0.0000, 0.0000,

0.0000

■ 142.8930,  
-18.7520, -1.5680

■ 142.8930,  
-18.7520, -1.5680

■ 135.1740,  
-26.9130, -2.3450

■ 150.6120,  
-10.5910, -0.7910

■ 127.4550,  
-35.0740, -3.1220

■ 158.3310, -2.4300,  
-0.0140

■ 119.1490,  
-42.9600, -3.3760

■ 166.6370, 5.4560,  
0.2400

■ 111.4300,  
-51.1210, -4.1530

■ 174.3560, 13.6170,  
1.0170

■ 103.4120,  
-59.8780, -5.1420

■ 182.0750, 21.7780,  
1.7940

■ 95.6930, -68.0390,  
-5.9190

■ 190.0930, 30.5350,  
2.7830

■ 87.9740, -76.2000,  
-6.6960

■ 197.8120, 38.6960,  
3.5600

■ 82.3370, -81.6560,  
-6.9360

■ 206.1180, 46.5820,  
3.8140

■ 209.6510, 46.3990,  
1.6230

# Harmonies

## Analogous

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



141.9590, -19.1180, -5.9500



142.8930, -18.7520, -1.5680



144.4640, -12.9300, 3.0540

# Triad

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



142.8930, -18.7520, -1.5680



147.3870, 12.3320, 7.7880



143.6380, 3.7150, -6.7570

# Complementary

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



142.8930, -18.7520, -1.5680



142.1070, 18.7520, 1.5680

# 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.



144.9380, 11.7380, -3.4780



142.8930, -18.7520, -1.5680



146.8450, 16.7340, 5.1020

# Square

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



142.8930, -18.7520, -1.5680



146.9070, 4.9960, 8.5800



145.9110, 16.3680, 0.7200



142.7940, -5.5920, -8.7920



# Rectangle

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



142.8930, -18.7520, -1.5680



145.6820, -7.6120, 5.7960



145.9110, 16.3680, 0.7200



144.1330, 6.6950, -5.6970

# Sweetspot

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



142.8930, -18.7520, -1.5680



201.5800, -7.5650, -0.5650



147.0870, -14.0270, -15.6190



100.5480, -4.5390, -0.3390



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

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



142.8930, -18.7520, -1.5680



180.5050, -29.3430, -2.3590



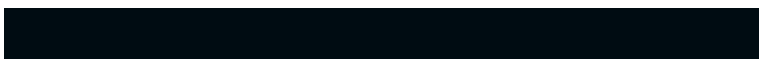
132.3270, -13.8020, 7.8460



77.5480, -4.5390, -0.3390



74.0560, -73.4950, -6.1590



9.0960, -9.0780, -0.6780



# Inverse Universe

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



137.9130, 14.0270, 15.6190



172.7880, 22.0490, 24.4250



152.6730, 13.8020, -7.8460



76.3750, 3.4380, 3.7740



54.5270, 54.9620, 61.2180



6.7500, 6.8760, 7.5480



# Previews

## White Background



This preview shows how the YIQ color 142.8930, -18.7520, -1.5680 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 142.8930, -18.7520, -1.5680 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

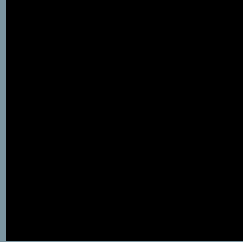
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

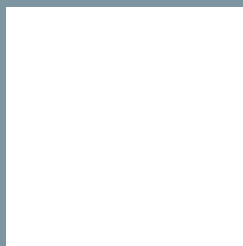
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 142.8930, -18.7520, -1.5680

## Background



This preview shows how black text looks on a background with the YIQ color 142.8930, -18.7520, -1.5680.



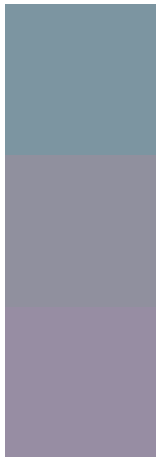
This preview shows how white text looks on a background with the YIQ color 142.8930, -18.7520, -1.5680.

-1.5680.

# 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

142.8930, -18.7520, -1.5680

### Protanopia

145.5960, -4.4940, 4.3540

### Deuteranopia

146.4980, -1.1020, 8.9620



## Tritanopia

142.8930, -18.7520, -1.5680

# Trichromacy



## Original Color

142.8930, -18.7520, -1.5680

## Protanomaly

144.7910, -9.5370, 2.1350

## Deuteranomaly

145.1550, -7.5660, 4.9620

## Tritanomaly

142.8930, -18.7520, -1.5680

# Monochromacy



## Original Color

142.8930, -18.7520, -1.5680

## Achromatopsia

143.0000, -0.0000, 0.0000

## Achromatomaly

142.8790, -6.9690, -0.3530

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 142.8930, -18.7520, -1.5680 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(124, 149, 161)` looks like.

```
.text, #text, p{  
    color:rgb(124, 149, 161)  
}
```

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(124, 149, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 149, 161) }
```

## Border

The CSS property to change the border of an element to YIQ 142.8930, -18.7520, -1.5680 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(124, 149, 161) }
```



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

```
.border{ border-color:rgb(124, 149, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 149, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 149, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 149, 161);  
box-shadow:4px 4px 4px 4px rgb(124, 149,  
161) }
```

# Background

The CSS property to change the background color of an element to YIQ 142.8930, -18.7520, -1.5680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 149, 161) }
```

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

```
.background{ background-color: rgb(124,  
149, 161) }
```

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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