

# Converting Colors

YIQ(122.5630, -8.8950, 1.5130)

Have a look what the booklet for  
YIQ(122.5630, -8.8950, 1.5130)  
contains.

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# Color

**YIQ(122.5630, -8.8950,  
1.5130)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	737C87
RGB	115, 124, 135
RGB Percent	45%, 49%, 53%
CMY	0.5490, 0.5137, 0.4706
CMYK	0.15, 0.08, 0.00, 0.47
HSL	213°, 8%, 49%
HSV	213°, 15%, 53%
XYZ	18.6503, 19.8098, 25.7582
YIQ	122.5630, -8.8950, 1.5130

# Conversions

## Conversions Part 2

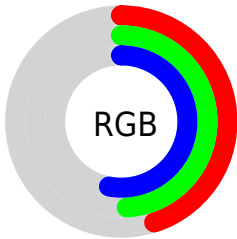
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 121, 135
Decimal	7568519
CIE <sub>Lab</sub>	51.62, -0.92, -7.11
CIE <sub>LCh</sub>	52, 7.165, 262.596
Yxy	19.8098, 0.2904, 0.3085
Android (android.graphics.Color)	4285758599 (0xFF737C87)
YUV	122.5630, 6.1314, -6.6328
Hunter-Lab	44.5082, -3.0925, -3.1572

# Details

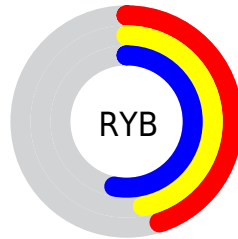
The YIQ color **122.5630, -8.8950, 1.5130** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **127.4370, 8.8950, -1.5130**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **174.6770, -9.2160, 1.8240**, and **73.7480, -7.9780, 1.4140** is the 20% darker color. If you saturate the color by 10%, you get **114.2680, -15.3140, 2.2060**, and if you desaturate by 10%, it is **130.5590, -3.0720, 0.6080**.

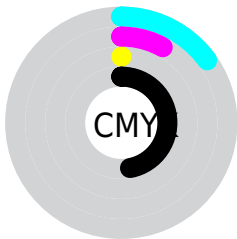
# Distribution



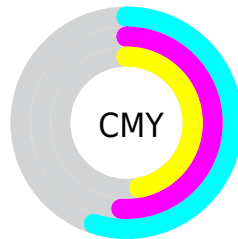
- Red (45%)
- Green (49%)
- Blue (53%)



- Red (45%)
- Yellow (47%)
- Blue (53%)



- Cyan (15%)
- Magenta (8%)
- Yellow (0%)
- Black (47%)



- Cyan (55%)
- Magenta (51%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 122.5630, -8.8950, 1.5130 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 122.5630, -8.8950, 1.5130 by changing the saturation by 10% instead.



■ 122.5630, -8.8950,  
1.5130

■ 122.5630, -8.8950,  
1.5130

■ 255.0000, -0.0000,  
-0.0000

■ 97.5630, -8.8950,  
1.5130

■ 174.6770, -9.2160,  
1.8240

■ 73.7480, -7.9780,  
1.4140

■ 202.3780, -9.8120,  
1.6120

■ 51.3350, -8.2530,  
0.8910

■ 230.3780, -9.8120,  
1.6120

■ 30.2210, -7.9320,  
0.5800

■ 253.8040, -2.3840,  
-0.8480

■ 6.3890, -8.3450,  
2.5590

■ 0.0000, 0.0000,  
0.0000

■ 122.5630, -8.8950,  
1.5130

■ 122.5630, -8.8950,  
1.5130

■ 114.2680,  
-15.3140, 2.2060

■ 130.5590, -3.0720,  
0.6080

■ 105.6850,  
-20.8620, 3.6340

■ 139.4410, 3.0720,  
-0.6080

■ 97.6890, -26.6850,  
4.5390

■ 147.4370, 8.8950,  
-1.5130

■ 88.8070, -32.8290,  
5.7550

■ 156.3190, 15.0390,  
-2.7290

■ 80.8110, -38.6520,  
6.6600

■ 164.3150, 20.8620,  
-3.6340

■ 72.5160, -45.0710,  
7.3530

■ 173.1970, 27.0060,  
-4.8500

■ 63.9330, -50.6190,  
8.7810

■ 181.1930, 32.8290,  
-5.7550

■ 55.6380, -57.0380,

■ 189.4880, 39.2480,

9.4740

-6.4480

■ 51.1970, -60.1100,  
10.0820

■ 198.0710, 44.7960,  
-7.8760

# Harmonies

## Analogous

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



122.0140, -11.7830, -1.2150



122.5630, -8.8950, 1.5130



123.3680, -3.8520, 3.7320

# Triad

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



122.5630, -8.8950, 1.5130



124.0830, 10.1320, 3.6040



121.7560, -2.4290, -5.5410

# Complementary

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



122.5630, -8.8950, 1.5130



127.4370, 8.8950, -1.5130

# 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.



122.3330, 3.2560, -3.9440



122.5630, -8.8950, 1.5130



123.8010, 10.8660, 1.3140

# Square

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



122.5630, -8.8950, 1.5130



124.4680, 7.6100, 5.2580



123.1380, 8.2990, -1.7250



121.2330, -8.2060, -5.4700



# Rectangle

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



122.5630, -8.8950, 1.5130



124.0480, 0.0450, 4.6930



123.1380, 8.2990, -1.7250



121.6530, -0.6410, -4.9050

# Sweetspot

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



122.5630, -8.8950, 1.5130



171.5590, -3.0720, 0.6080



127.9940, -9.0310, -7.0390



86.6300, -1.8340, 0.1980



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000



# Same Dimension

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



122.5630, -8.8950, 1.5130



156.4530, -14.3970, 2.1070



117.5790, -5.8240, 6.4320



62.4450, -2.7510, 0.2970



49.4530, -57.9550, 9.5730



0.9290, -1.2380, 0.4100



# Inverse Universe

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



122.0060, 9.0310, 7.0390



155.2780, 14.2570, 11.4490



132.4210, 5.8240, -6.4320



62.1360, 2.6130, 2.2050



45.5960, 58.5410, 45.9090



1.0110, 1.4670, 0.9470



# Previews

## White Background



This preview shows how the YIQ color 122.5630, -8.8950, 1.5130 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 122.5630, -8.8950, 1.5130 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

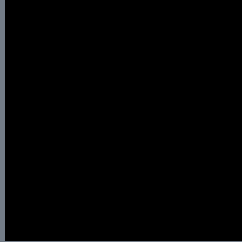
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

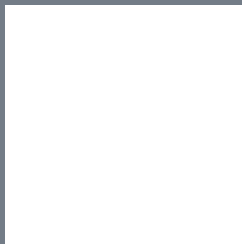
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**YIQ 122.5630, -8.8950, 1.5130**

## **Background**



This preview shows how black text looks on a background with the YIQ color 122.5630, -8.8950, 1.5130.



This preview shows how white text looks on a background with the YIQ color 122.5630, -8.8950,



# 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

122.5630, -8.8950, 1.5130

### Protanopia

123.3680, -3.8520, 3.7320

### Deuteranopia

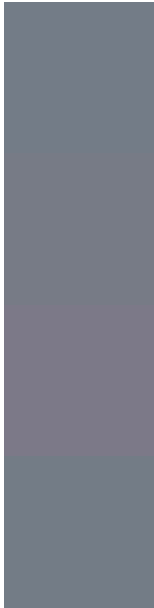
124.5150, 0.2280, 6.8840



## Tritanopia

122.4490, -8.5740, 1.2020

# Trichromacy



## Original Color

122.5630, -8.8950, 1.5130

## Protanomaly

123.0580, -5.9150, 2.5730

## Deuteranomaly

123.6070, -3.0270, 5.3010

## Tritanomaly

122.4490, -8.5740, 1.2020

# Monochromacy



## Original Color

122.5630, -8.8950, 1.5130

## Achromatopsia

123.0000, -0.0000, -0.0000

## Achromatomaly

122.5590, -3.0720, 0.6080

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 122.5630, -8.8950, 1.5130 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(115, 124, 135)` looks like.

```
.text, #text, p{  
    color:rgb(115, 124, 135)  
}
```

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(115, 124, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 124, 135) }
```

## Border

The CSS property to change the border of an element to YIQ 122.5630, -8.8950, 1.5130 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(115, 124, 135) }
```



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

```
.border{ border-color:rgb(115, 124, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 124, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 124, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 124, 135);  
box-shadow:4px 4px 4px 4px rgb(115, 124,  
135) }
```

# Background

The CSS property to change the background color of an element to YIQ 122.5630, -8.8950, 1.5130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 124, 135) }
```

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

```
.background{ background-color: rgb(115,  
124, 135) }
```

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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