

Converting Colors

YIQ(122.6770, -9.2160, 1.8240)

Have a look what the booklet for
YIQ(122.6770, -9.2160, 1.8240)
contains.

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Color

**YIQ(122.6770, -9.2160,
1.8240)**

Conversions

Conversions Part 1

Format	Color
Hex	737C88
RGB	115, 124, 136
RGB Percent	45%, 49%, 53%
CMY	0.5490, 0.5137, 0.4667
CMYK	0.15, 0.09, 0.00, 0.47
HSL	214°, 8%, 49%
HSV	214°, 15%, 53%
XYZ	18.7210, 19.8381, 26.1306
YIQ	122.6770, -9.2160, 1.8240

Conversions

Conversions Part 2

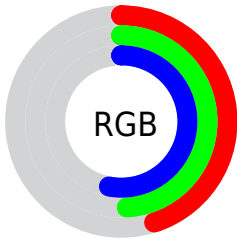
Format	Color
R_{YB}	115, 121, 136
Decimal	7568520
CIE _{Lab}	51.65, -0.70, -7.64
CIE _{LCh}	52, 7.675, 264.803
Yxy	19.8381, 0.2894, 0.3067
Android (android.graphics.Color)	4285758600 (0xFF737C88)
YUV	122.6770, 6.5682, -6.7327
Hunter-Lab	44.5400, -2.9180, -3.6062

Details

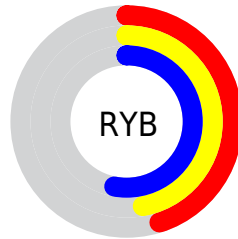
The YIQ color **122.6770, -9.2160, 1.8240** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **128.3230, 9.2160, -1.8240**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **174.7910, -9.5370, 2.1350**, and **73.8620, -8.2990, 1.7250** is the 20% darker color. If you saturate the color by 10%, you get **113.7950, -15.3600, 3.0400**, and if you desaturate by 10%, it is **131.5590, -3.0720, 0.6080**.

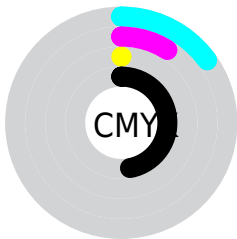
Distribution



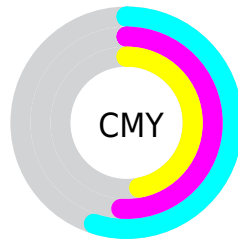
- Red (45%)
- Green (49%)
- Blue (53%)



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



- Cyan (15%)
- Magenta (9%)
- Yellow (0%)
- Black (47%)



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.6770, -9.2160, 1.8240 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 122.6770, -9.2160, 1.8240 by changing the saturation by 10% instead.

■ 122.6770, -9.2160,
1.8240

■ 122.6770, -9.2160,
1.8240

■ 255.0000, -0.0000,
-0.0000

■ 97.6770, -9.2160,
1.8240

■ 174.7910, -9.5370,
2.1350

■ 73.8620, -8.2990,
1.7250

■ 202.4920,
-10.1330, 1.9230

■ 51.4490, -8.5740,
1.2020

■ 230.6060,
-10.4540, 2.2340

■ 30.3350, -8.2530,
0.8910

■ 253.8040, -2.3840,
-0.8480

■ 6.5030, -8.6660,
2.8700

■ 0.0000, 0.0000,
0.0000

■ 122.6770, -9.2160,
1.8240

■ 122.6770, -9.2160,
1.8240

■ 113.7950,
-15.3600, 3.0400

■ 131.5590, -3.0720,
0.6080

■ 105.2120,
-20.9080, 4.4680

■ 140.1420, 2.4760,
-0.8200

■ 96.9170, -27.3270,
5.1610

■ 148.4370, 8.8950,
-1.5130

■ 88.3340, -32.8750,
6.5890

■ 157.0200, 14.4430,
-2.9410

■ 79.4520, -39.0190,
7.8050

■ 165.9020, 20.5870,
-4.1570

■ 70.5700, -45.1630,
9.0210

■ 174.7840, 26.7310,
-5.3730

■ 62.5740, -50.9860,
9.9260

■ 182.7800, 32.5540,
-6.2780

■ 53.6920, -57.1300,

■ 191.6620, 38.6980,

11.1420

-7.4940

■ 49.5500, -59.6060,
11.9620

■ 200.2450, 44.2460,
-8.9220

Harmonies

Analogous

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



121.8290, -12.7000, -1.1160



122.6770, -9.2160, 1.8240



123.7810, -3.5770, 4.2550

Triad

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



122.6770, -9.2160, 1.8240



124.2680, 11.0490, 3.5050



121.4570, -3.0250, -5.7530

Complementary

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



122.6770, -9.2160, 1.8240



128.3230, 9.2160, -1.8240

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.



122.2190, 3.5770, -4.2550



122.6770, -9.2160, 1.8240



123.6870, 11.1870, 1.0030

Square

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



122.6770, -9.2160, 1.8240



124.6530, 8.5270, 5.1590



123.0240, 8.6200, -2.0360



121.0480, -9.1230, -5.3710

Rectangle

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



122.6770, -9.2160, 1.8240



123.7600, 0.9160, 5.4280



123.0240, 8.6200, -2.0360



121.9410, -1.5120, -5.6400

Sweetspot

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



122.6770, -9.2160, 1.8240



170.3740, -3.9890, 0.7070



128.6950, -9.6270, -7.2510



85.7440, -2.1550, 0.5090



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.



122.6770, -9.2160, 1.8240



154.9800, -14.4430, 2.9410



117.6930, -6.1450, 6.7430



64.5590, -3.0720, 0.6080



48.6210, -58.3680, 11.5520



1.7440, -2.1550, 0.5090

Inverse Universe

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



122.3050, 9.6270, 7.2510



154.4630, 15.1740, 11.3500



133.3070, 6.1450, -6.7430



64.4350, 3.2090, 2.4170



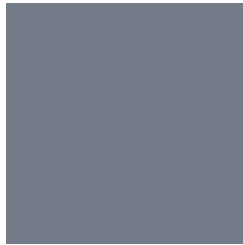
46.2650, 60.9710, 45.9230



1.7230, 2.3380, 1.6820

Previews

White Background



This preview shows how the YIQ color 122.6770, -9.2160, 1.8240 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 122.6770, -9.2160, 1.8240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

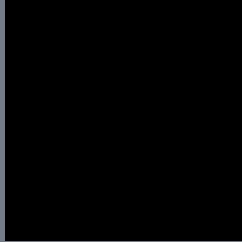
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

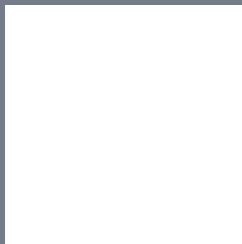
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 122.6770, -9.2160, 1.8240

Background



This preview shows how black text looks on a background with the YIQ color 122.6770, -9.2160, 1.8240.

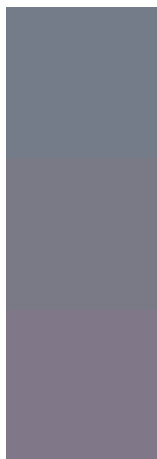


This preview shows how white text looks on a background with the YIQ color 122.6770, -9.2160,

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

122.6770, -9.2160, 1.8240

Protanopia

123.4820, -4.1730, 4.0430

Deuteranopia

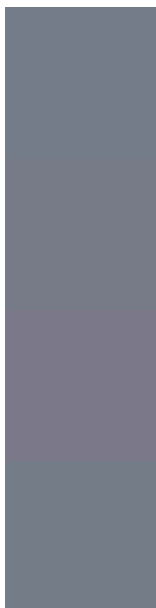
124.3300, -0.6890, 6.9830



Tritanopia

122.4490, -8.5740, 1.2020

Trichromacy



Original Color

122.6770, -9.2160, 1.8240

Protanomaly

123.1720, -6.2360, 2.8840

Deuteranomaly

123.4220, -3.9440, 5.4000

Tritanomaly

122.5630, -8.8950, 1.5130

Monochromacy



Original Color

122.6770, -9.2160, 1.8240

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

122.6730, -3.3930, 0.9190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.6770, -9.2160, 1.8240 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, 136)` looks like.

```
.text, #text, p{  
    color:rgb(115, 124, 136)  
}
```

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, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 124, 136) }
```

Border

The CSS property to change the border of an element to YIQ 122.6770, -9.2160, 1.8240 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, 136) }
```


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

```
.border{ border-color:rgb(115, 124, 136) }
```

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, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 124, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 124, 136);  
box-shadow:4px 4px 4px 4px rgb(115, 124,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 122.6770, -9.2160, 1.8240 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, 136) }
```

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

```
.background{ background-color: rgb(115,  
124, 136) }
```

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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