

Converting Colors

YIQ(122.6170, -8.9870, 3.1810)

Have a look what the booklet for
YIQ(122.6170, -8.9870, 3.1810)
contains.

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Color

**YIQ(122.6170, -8.9870,
3.1810)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 747B8A |
| RGB | 116, 123, 138 |
| RGB Percent | 45%, 48%, 54% |
| CMY | 0.5451, 0.5176, 0.4589 |
| CMYK | 0.16, 0.11, 0.00, 0.46 |
| HSL | 221°, 9%, 50% |
| HSV | 221°, 16%, 54% |
| XYZ | 18.8721, 19.7142, 26.8507 |
| YIQ | 122.6170, -8.9870, 3.1810 |

Conversions

Conversions Part 2

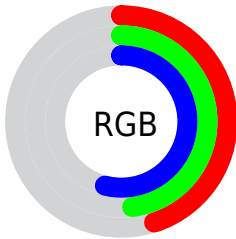
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 116, 121, 138 |
| Decimal | 7633802 |
| CIE Lab | 51.51, 0.69, -9.02 |
| CIE LCh | 52, 9.044, 274.401 |
| Yxy | 19.7142, 0.2884, 0.3013 |
| Android (android.graphics.Color) | 4285823882 (0xFF747B8A) |
| YUV | 122.6170, 7.5838, -5.8031 |
| Hunter-Lab | 44.4006, -1.8312, -4.7744 |

Details

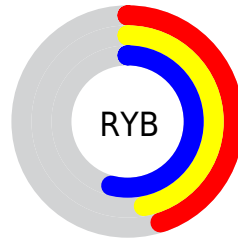
The YIQ color **122.6170, -8.9870, 3.1810** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **131.3830, 8.9870, -3.1810**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **174.7310, -9.3080, 3.4920**, and **73.8020, -8.0700, 3.0820** is the 20% darker color. If you saturate the color by 10%, you get **113.1480, -14.8560, 4.9200**, and if you desaturate by 10%, it is **132.0860, -3.1180, 1.4420**.

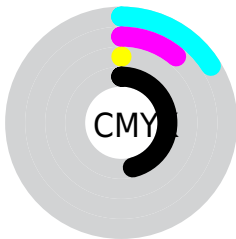
Distribution



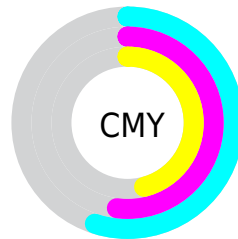
- Red (45%)
- Green (48%)
- Blue (54%)



- Red (45%)
- Yellow (47%)
- Blue (54%)



- Cyan (16%)
- Magenta (11%)
- Yellow (0%)
- Black (46%)



- Cyan (55%)
- Magenta (52%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.6170, -8.9870, 3.1810 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 122.6170, -8.9870, 3.1810 by changing the saturation by 10% instead.

■ 122.6170, -8.9870,
3.1810

■ 122.6170, -8.9870,
3.1810

■ 255.0000, -0.0000,
-0.0000

■ 97.6170, -8.9870,
3.1810

■ 174.7310, -9.3080,
3.4920

■ 73.8020, -8.0700,
3.0820

■ 202.4320, -9.9040,
3.2800

■ 51.3890, -8.3450,
2.5590

■ 230.5460,
-10.2250, 3.5910

■ 30.2750, -8.0240,
2.2480

■ 254.1030, -1.7880,
-0.6360

■ 6.1440, -9.0330,
4.0150

■ 0.0000, 0.0000,
0.0000

■ 122.6170, -8.9870,
3.1810

■ 122.6170, -8.9870,
3.1810

■ 113.1480,
-14.8560, 4.9200

■ 132.0860, -3.1180,
1.4420

■ 103.0920,
-20.4500, 7.1820

■ 142.1420, 2.4760,
-0.8200

■ 93.9220, -25.7230,
9.1330

■ 151.3120, 7.7490,
-2.7710

■ 83.8660, -31.3170,
11.3950

■ 161.3680, 13.3430,
-5.0330

■ 74.3970, -37.1860,
13.1340

■ 170.8370, 19.2120,
-6.7720

■ 64.9280, -43.0550,
14.8730

■ 180.3060, 25.0810,
-8.5110

■ 54.8720, -48.6490,
17.1350

■ 190.3620, 30.6750,
-10.7730

■ 45.7020, -53.9220,

■ 199.5320, 35.9480,

19.0860

-12.7240

■ 41.5600, -56.3980,
19.9060

■ 209.5880, 41.5420,
-14.9860

Harmonies

Analogous

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



121.1710, -13.6630, -0.1830



122.6170, -8.9870, 3.1810



123.5040, -1.2390, 5.9370

Triad

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



122.6170, -8.9870, 3.1810



123.8230, 13.8000, 3.2080



120.9620, -6.0050, -6.8130

Complementary

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



122.6170, -8.9870, 3.1810



131.3830, 8.9870, -3.1810

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.



121.4960, 1.2390, -5.9370



122.6170, -8.9870, 3.1810



123.2310, 12.4710, -0.2410

Square

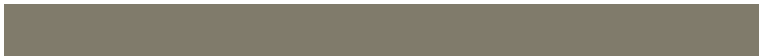
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



122.6170, -8.9870, 3.1810



124.7350, 11.2320, 5.6960



122.6710, 8.1160, -3.9160



120.0800, -12.1490, -5.5970

Rectangle

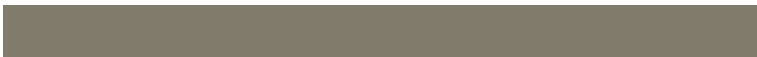
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



122.6170, -8.9870, 3.1810



124.3690, 3.5750, 6.7990



122.6710, 8.1160, -3.9160



120.7450, -3.8960, -6.4880

Sweetspot

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



122.6170, -8.9870, 3.1810



172.2000, -3.4390, 1.7530



130.6240, -10.8650, -6.8410



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.



122.6170, -8.9870, 3.1810



154.7460, -13.6640, 5.3440



119.7040, -4.6780, 7.6900



63.9720, -2.7970, 1.1310



39.8160, -54.2430, 19.3970



1.7440, -2.1550, 0.5090

Inverse Universe

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



123.3760, 10.8650, 6.8410



156.3060, 17.0540, 10.3180



134.2960, 4.6780, -7.6900



64.3210, 3.5300, 2.1060



44.5550, 65.7860, 41.2580



1.7230, 2.3380, 1.6820

Previews

White Background



This preview shows how the YIQ color 122.6170, -8.9870, 3.1810 looks on a white background.

Color Contrast Check

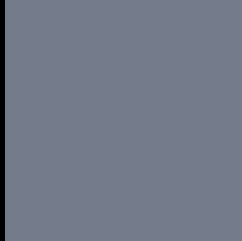
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.6170, -8.9870, 3.1810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

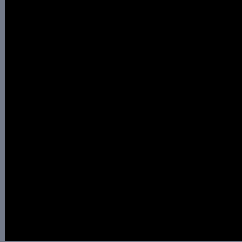
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

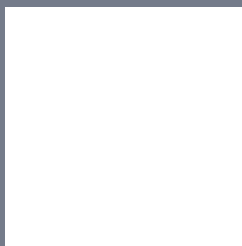
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 122.6170, -8.9870, 3.1810

Background



This preview shows how black text looks on a background with the YIQ color 122.6170, -8.9870, 3.1810.



This preview shows how white text looks on a background with the YIQ color 122.6170, -8.9870,

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

122.6170, -8.9870, 3.1810

Protanopia

123.1120, -6.0070, 4.2410

Deuteranopia

123.6720, -1.6520, 7.9160



Tritanopia

122.4490, -8.5740, 1.2020

Trichromacy



Original Color

122.6170, -8.9870, 3.1810

Protanomaly

122.8130, -6.6030, 4.0290

Deuteranomaly

123.0630, -4.3110, 6.5450

Tritanomaly

122.5630, -8.8950, 1.5130

Monochromacy



Original Color

122.6170, -8.9870, 3.1810

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 122.6170, -8.9870, 3.1810 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(116, 123, 138)` looks like.

```
.text, #text, p{  
    color:rgb(116, 123, 138)  
}
```

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(116, 123, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 123, 138) }
```

Border

The CSS property to change the border of an element to YIQ 122.6170, -8.9870, 3.1810 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(116, 123, 138) }
```


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

```
.border{ border-color:rgb(116, 123, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 123, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 123, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 123, 138);  
box-shadow:4px 4px 4px 4px rgb(116, 123,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 122.6170, -8.9870, 3.1810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 123, 138) }
```

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

```
.background{ background-color: rgb(116,  
123, 138) }
```

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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