

Converting Colors

YIQ(122.8250, 2.2910, 8.0430)

Have a look what the booklet for
YIQ(122.8250, 2.2910, 8.0430)
contains.

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Color

**YIQ(122.8250, 2.2910,
8.0430)**

Conversions

Conversions Part 1

Format	Color
Hex	827586
RGB	130, 117, 134
RGB Percent	51%, 46%, 53%
CMY	0.4902, 0.5412, 0.4745
CMYK	0.03, 0.13, 0.00, 0.47
HSL	286°, 7%, 49%
HSV	286°, 13%, 53%
XYZ	19.8712, 19.1892, 25.2104
YIQ	122.8250, 2.2910, 8.0430

Conversions

Conversions Part 2

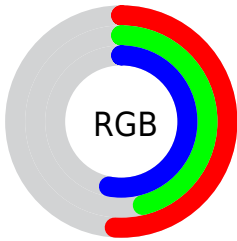
Format	Color
R_{YB}	130, 117, 134
Decimal	8549766
CIE _{Lab}	50.91, 8.36, -7.45
CIE _{LCh}	51, 11.199, 318.283
Yxy	19.1892, 0.3092, 0.2986
Android (android.graphics.Color)	4286739846 (0xFF827586)
YUV	122.8250, 5.5093, 6.2925
Hunter-Lab	43.8055, 4.3123, -3.4581

Details

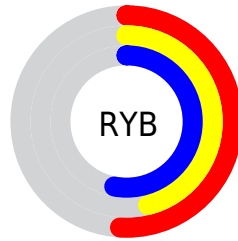
The YIQ color $122.8250, 2.2910, 8.0430$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $128.1750, -2.2910, -8.0430$, and the grayscale version is $123.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $175.2380, 2.5660, 8.5660$, and $74.2980, 2.3370, 7.2090$ is the 20% darker color. If you saturate the color by 10%, you get $114.2970, 4.0780, 14.2060$, and if you desaturate by 10%, it is $131.3530, 0.5040, 1.8800$.

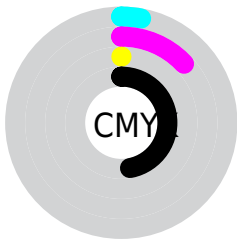
Distribution



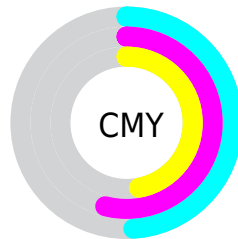
- Red (51%)
- Green (46%)
- Blue (53%)



- Red (51%)
- Yellow (46%)
- Blue (53%)



- Cyan (3%)
- Magenta (13%)
- Yellow (0%)
- Black (47%)



- Cyan (49%)
- Magenta (54%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.8250, 2.2910, 8.0430 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 122.8250, 2.2910, 8.0430 by changing the saturation by 10% instead.

■ 122.8250, 2.2910,
8.0430

■ 122.8250, 2.2910,
8.0430

255.0000, -0.0000,
-0.0000

■ 97.8250, 2.2910,
8.0430

■ 175.2380, 2.5660,
8.5660

■ 74.2980, 2.3370,
7.2090

■ 202.6510, 2.8410,
9.0890

■ 51.2980, 2.3370,
7.2090

■ 230.6510, 2.8410,
9.0890

■ 30.4720, 1.7870,
6.1630

253.8260, 0.5500,
1.0460

■ 6.9500, 3.4370,
9.3010

■ 0.0000, 0.0000,
0.0000

■ 122.8250, 2.2910,
8.0430

■ 122.8250, 2.2910,
8.0430

■ 114.2970, 4.0780,
14.2060

■ 131.3530, 0.5040,
1.8800

■ 105.1820, 6.1400,
20.8920

■ 140.4680, -1.5580,
-4.8060

■ 96.6540, 7.9270,
27.0550

■ 148.9960, -3.3450,
-10.9690

■ 87.2400, 9.3930,
33.5290

■ 158.4100, -4.8110,
-17.4430

■ 78.7120, 11.1800,
39.6920

■ 166.9380, -6.5980,
-23.6060

■ 70.1840, 12.9670,
45.8550

■ 175.4660, -8.3850,
-29.7690

■ 61.0690, 15.0290,
52.5410

■ 184.5810,
-10.4470, -36.4550

■ 52.5410, 16.8160,

■ 193.1090,

58.7040

-12.2340, -42.6180

■ 46.0730, 18.3740,
63.5100

■ 202.2240,
-14.2960, -49.3040

Harmonies

Analogous

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



121.5680, -7.2910, 5.4850



122.8250, 2.2910, 8.0430



123.0170, 10.4980, 7.9860

Triad

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



122.8250, 2.2910, 8.0430



121.3620, 13.4800, -2.0080



118.0300, -17.8800, -6.3600

Complementary

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



122.8250, 2.2910, 8.0430



128.1750, -2.2910, -8.0430

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.



118.3850, -11.6900, -8.4100



122.8250, 2.2910, 8.0430



120.1330, 6.6950, -5.6970

Square

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



122.8250, 2.2910, 8.0430



121.8510, 16.5970, 2.0770



119.1750, -2.2910, -8.0430



118.6540, -19.5770, -3.1370

Rectangle

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



122.8250, 2.2910, 8.0430



123.2300, 14.2120, 6.7560



119.1750, -2.2910, -8.0430



117.9870, -16.3210, -7.0810

Sweetspot

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



122.8250, 2.2910, 8.0430



168.5920, 1.3290, 3.4490



121.2860, -6.5570, 3.1950



83.7660, 0.7790, 2.4030



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



122.8250, 2.2910, 8.0430



155.9440, 3.5740, 12.3260



123.5650, 5.9590, 7.6470



62.1790, 1.0540, 2.9260



44.7200, 17.8700, 61.6300



0.9400, 0.2290, 1.3570

Inverse Universe

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



122.5390, 8.8480, 4.8480



155.4580, 13.5700, 7.3780



127.4350, -5.9590, -7.6470



61.9080, 3.2550, 1.5830



42.4040, 67.5290, 37.2010



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 122.8250, 2.2910, 8.0430 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 122.8250, 2.2910, 8.0430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

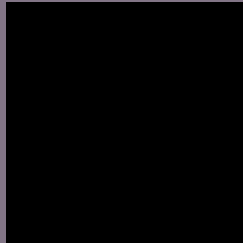
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 122.8250, 2.2910, 8.0430

Background



This preview shows how black text looks on a background with the YIQ color 122.8250, 2.2910, 8.0430.



This preview shows how white text looks on a background with the YIQ color 122.8250, 2.2910,

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

122.8250, 2.2910, 8.0430

Protanopia

121.5250, -5.7320, 4.7640

Deuteranopia

122.5150, 0.2280, 6.8840



Tritanopia

122.3150, 3.6670, 5.1310

Trichromacy



Original Color

122.8250, 2.2910, 8.0430

Protanomaly

122.0200, -2.7520, 5.8240

Deuteranomaly

122.8140, 0.8240, 7.0960

Tritanomaly

122.6570, 2.7040, 6.0640

Monochromacy



Original Color

122.8250, 2.2910, 8.0430

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.1790, 1.0540, 2.9260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.8250, 2.2910, 8.0430 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(130, 117, 134)` looks like.

```
.text, #text, p{  
    color:rgb(130, 117, 134)  
}
```

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(130, 117, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 117, 134) }
```

Border

The CSS property to change the border of an element to YIQ 122.8250, 2.2910, 8.0430 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(130, 117, 134) }
```


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

```
.border{ border-color:rgb(130, 117, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 117, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 117, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 117, 134);  
box-shadow:4px 4px 4px 4px rgb(130, 117,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 122.8250, 2.2910, 8.0430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 117, 134) }
```

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

```
.background{ background-color: rgb(130,  
117, 134) }
```

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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