

Converting Colors

YIQ(128.2930, 0.7330, 3.2370)

Have a look what the booklet for
YIQ(128.2930, 0.7330, 3.2370)
contains.

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Color

**YIQ(128.2930, 0.7330,
3.2370)**

Conversions

Conversions Part 1

Format	Color
Hex	837E85
RGB	131, 126, 133
RGB Percent	51%, 49%, 52%
CMY	0.4863, 0.5059, 0.4784
CMYK	0.02, 0.05, 0.00, 0.48
HSL	283°, 3%, 51%
HSV	283°, 5%, 52%
XYZ	21.0549, 21.4402, 25.2187
YIQ	128.2930, 0.7330, 3.2370

Conversions

Conversions Part 2

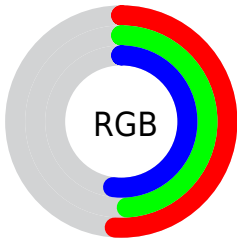
Format	Color
R_{YB}	131, 126, 133
Decimal	8617605
CIE Lab	53.43, 3.28, -3.12
CIE LCh	53, 4.525, 316.388
Yxy	21.4402, 0.3109, 0.3166
Android (android.graphics.Color)	4286807685 (0xFF837E85)
YUV	128.2930, 2.3206, 2.3740
Hunter-Lab	46.3036, 0.1351, 0.1209

Details

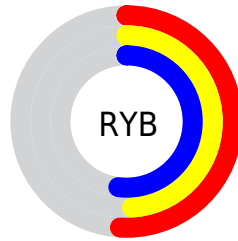
The YIQ color **128.2930, 0.7330, 3.2370** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **130.7070, -0.7330, -3.2370**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.2930, 0.7330, 3.2370**, and **79.2930, 0.7330, 3.2370** is the 20% darker color. If you saturate the color by 10%, you get **119.4660, 1.9240, 9.1880**, and if you desaturate by 10%, it is **137.1200, -0.4580, -2.7140**.

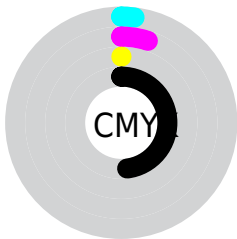
Distribution



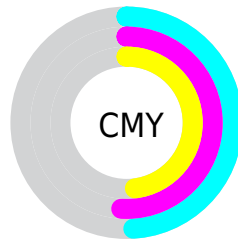
- Red (51%)
- Green (49%)
- Blue (52%)



- Red (51%)
- Yellow (49%)
- Blue (52%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (48%)



- Cyan (49%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.2930, 0.7330, 3.2370 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 128.2930, 0.7330, 3.2370 by changing the saturation by 10% instead.

■ 128.2930, 0.7330,
3.2370

■ 128.2930, 0.7330,
3.2370

255.0000, -0.0000,
-0.0000

■ 103.2930, 0.7330,
3.2370

■ 181.2930, 0.7330,
3.2370

■ 79.2930, 0.7330,
3.2370

■ 208.7060, 1.0080,
3.7600

■ 56.1790, 1.0540,
2.9260

■ 236.7060, 1.0080,
3.7600

■ 34.8800, 0.4580,
2.7140

■ 12.7060, 1.0080,
3.7600

■ 0.0000, 0.0000,
0.0000

■ 128.2930, 0.7330,
3.2370

■ 128.2930, 0.7330,
3.2370

■ 119.4660, 1.9240,
9.1880

■ 137.1200, -0.4580,
-2.7140

■ 110.0520, 3.3900,
15.6620

■ 146.5340, -1.9240,
-9.1880

■ 101.5240, 5.1770,
21.8250

■ 155.0620, -3.7110,
-15.3510

■ 92.6970, 6.3680,
27.7760

■ 163.8890, -4.9020,
-21.3020

■ 83.8700, 7.5590,
33.7270

■ 173.3030, -6.3680,
-27.7760

■ 74.4560, 9.0250,
40.2010

■ 182.1300, -7.5590,
-33.7270

■ 65.6290, 10.2160,
46.1520

■ 190.9570, -8.7500,
-39.6780

■ 57.1010, 12.0030,

■ 199.4850,

52.3150

-10.5370, -45.8410

■ 47.6870, 13.4690,
58.7890

■ 208.8990,
-12.0030, -52.3150

Harmonies

Analogous

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



127.6130, -3.1640, 2.2760



128.2930, 0.7330, 3.2370



128.5600, 4.3550, 3.6750

Triad

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



128.2930, 0.7330, 3.2370



127.9960, 5.8230, -0.9050



126.4120, -7.1520, -2.5440

Complementary

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



128.2930, 0.7330, 3.2370



130.7070, -0.7330, -3.2370

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.



126.5540, -4.6760, -3.3640



128.2930, 0.7330, 3.2370



127.3870, 3.1640, -2.2760

Square

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



128.2930, 0.7330, 3.2370



128.5340, 7.2440, 0.8760



126.7070, -0.7330, -3.2370



126.4660, -7.2440, -0.8760

Rectangle

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



128.2930, 0.7330, 3.2370



128.5170, 5.9140, 2.9540



126.7070, -0.7330, -3.2370



126.4830, -5.9140, -2.9540

Sweetspot

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



128.2930, 0.7330, 3.2370



170.9400, 0.2290, 1.3570



127.9720, -2.7970, 1.1310



85.5270, -0.0460, 0.8340



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.



128.2930, 0.7330, 3.2370



166.2330, 0.9620, 4.5940



128.7770, 2.2460, 3.3500



63.3530, 0.5040, 1.8800



42.6270, 13.6980, 60.1460



0.9400, 0.2290, 1.3570

Inverse Universe

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



128.3210, 3.5300, 2.1060



166.3320, 4.9970, 3.0530



130.2230, -2.2460, -3.3500



63.3100, 2.0630, 1.1590



43.0880, 65.6030, 39.0670



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 128.2930, 0.7330, 3.2370 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 128.2930, 0.7330, 3.2370 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 128.2930, 0.7330, 3.2370

Background



This preview shows how black text looks on a background with the YIQ color 128.2930, 0.7330, 3.2370.



This preview shows how white text looks on a background with the YIQ color 128.2930, 0.7330,

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

128.2930, 0.7330, 3.2370

Protanopia

128.0970, -1.6510, 2.3890

Deuteranopia

128.9130, 4.8590, 5.5550



Tritanopia

128.5210, 0.0910, 3.8590

Trichromacy



Original Color

128.2930, 0.7330, 3.2370

Protanomaly

128.3960, -1.0550, 2.6010

Deuteranomaly

128.9020, 3.3920, 4.6080

Tritanomaly

128.4070, 0.4120, 3.5480

Monochromacy



Original Color

128.2930, 0.7330, 3.2370

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.9400, 0.2290, 1.3570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.2930, 0.7330, 3.2370 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(131, 126, 133)` looks like.

```
.text, #text, p{  
    color:rgb(131, 126, 133)  
}
```

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(131, 126, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 126, 133) }
```

Border

The CSS property to change the border of an element to YIQ 128.2930, 0.7330, 3.2370 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(131, 126, 133) }
```


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

```
.border{ border-color:rgb(131, 126, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 126, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 126, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 126, 133);  
box-shadow:4px 4px 4px 4px rgb(131, 126,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 128.2930, 0.7330, 3.2370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 126, 133) }
```

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

```
.background{ background-color: rgb(131,  
126, 133) }
```

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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