

Converting Colors

YIQ(129.6870, -14.0350,
28.5970)

Have a look what the booklet for
YIQ(129.6870, -14.0350, 28.5970)
contains.

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Color

**YIQ(129.6870, -14.0350,
28.5970)**

Conversions

Conversions Part 1

Format	Color
Hex	8673C2
RGB	134, 115, 194
RGB Percent	53%, 45%, 76%
CMY	0.4744, 0.5490, 0.2393
CMYK	0.31, 0.41, 0.00, 0.24
HSL	254°, 39%, 61%
HSV	254°, 41%, 76%
XYZ	25.6995, 21.2237, 53.7635
YIQ	129.6870, -14.0350, 28.5970

Conversions

Conversions Part 2

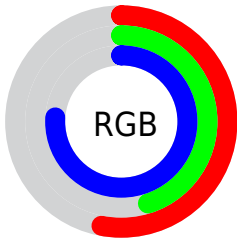
Format	Color
RYB	134, 115, 194
Decimal	8811458
CIELab	53.19, 25.07, -38.78
CIELCh	53, 46.178, 302.884
Yxy	21.2237, 0.2552, 0.2108
Android (android.graphics.Color)	4287001538 (0xFF8673C2)
YUV	129.6870, 31.7063, 3.7825
Hunter-Lab	46.0692, 18.9542, -36.9439

Details

The YIQ color **129.6870, -14.0350, 28.5970** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **179.3130, 14.0350, -28.5970**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.1540, -13.8520, 30.7880**, and **79.5080, -15.0890, 25.6710** is the 20% darker color. If you saturate the color by 10%, you get **114.0490, -17.7500, 35.3540**, and if you desaturate by 10%, it is **145.3250, -10.3200, 21.8400**.

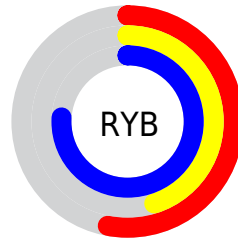
Distribution



Red (53%)

Green (45%)

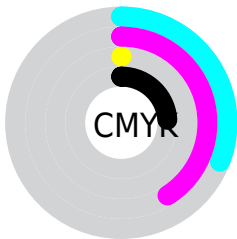
Blue (76%)



Red (53%)

Yellow (45%)

Blue (76%)

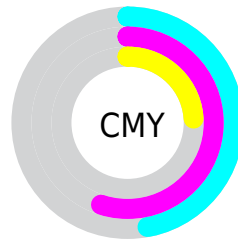


Cyan (31%)

Magenta (41%)

Yellow (0%)

Black (24%)



Cyan (47%)

Magenta (55%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.6870, -14.0350, 28.5970 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 129.6870, -14.0350, 28.5970 by changing the saturation by 10% instead.

■ 129.6870,
-14.0350, 28.5970

■ 129.6870,
-14.0350, 28.5970

■ 255.0000, -0.0000,
-0.0000

■ 103.8610,
-14.5850, 27.5510

■ 183.1540,
-13.8520, 30.7880

■ 79.5080, -15.0890,
25.6710

■ 207.8310, -5.8730,
23.8470

■ 55.5680, -15.3180,
24.3140

■ 232.9380, 3.7110,
15.3510

■ 32.3180, -17.6100,
21.7980

■ 252.6520, 1.1000,
2.0920

■ 7.7090, -20.2690,
20.4270

■ 6.5490, -14.3070,
11.4930

■ 2.8670, -6.6950,

5.6970

■ 0.0000, 0.0000,
0.0000

■ 129.6870,
-14.0350, 28.5970

■ 129.6870,
-14.0350, 28.5970

■ 114.0490,
-17.7500, 35.3540

■ 145.3250,
-10.3200, 21.8400

■ 98.1230, -20.5940,
42.8460

■ 161.2510, -7.4760,
14.3480

■ 82.4850, -24.3090,
49.6030

■ 176.8890, -3.7610,
7.5910

■ 66.2600, -27.7490,
56.8830

■ 193.1140, -0.3210,
0.3110

■ 50.6220, -31.4640,
63.6400

■ 208.7520, 3.3940,
-6.4460

■ 36.1690, -34.2620,
70.2980

■ 224.0910, 6.5130,
-13.4150

■ 240.3160, 9.9530,
-20.6950

■ 247.1490, 17.7930,
-19.6070

■ 248.0460, 19.5810,
-18.9710

Harmonies

Analogous

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



115.6410, -70.2880, 7.3120



129.6870, -14.0350, 28.5970



130.3300, 26.8150, 37.1750

Triad

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



129.6870, -14.0350, 28.5970



125.3500, 57.3120, -3.4240



101.1090, -82.1550, -36.4510

Complementary

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



129.6870, -14.0350, 28.5970



179.3130, 14.0350, -28.5970

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.



108.7270, -40.1570, -37.6690



129.6870, -14.0350, 28.5970



122.5180, 38.5630, -21.5730

Square

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



129.6870, -14.0350, 28.5970



125.6460, 63.1310, 17.7790



118.3120, 6.6080, -31.6640



104.9680, -94.3990, -23.7990

Rectangle

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



129.6870, -14.0350, 28.5970



128.6280, 46.3470, 35.6190



118.3120, 6.6080, -31.6640



98.9260, -77.3860, -40.2820

Sweetspot

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



129.6870, -14.0350, 28.5970



227.5130, -5.4580, 10.8140



159.8130, -42.1340, -7.3340



113.2480, -3.3940, 6.4460



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



129.6870, -14.0350, 28.5970



151.9920, -21.6030, 44.6130



141.3480, 9.2090, 36.8650



89.0370, -1.4220, 3.7460



30.0150, -28.4370, 58.3390



6.1540, -5.8250, 11.9590

Inverse Universe

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



145.4610, 27.8240, 35.4080



176.4930, 43.1340, 55.3100



167.6520, -9.2090, -36.8650



90.9020, 3.3920, 4.6080



62.0470, 56.7940, 72.0740



12.7170, 11.6430, 14.7710

Previews

White Background



This preview shows how the YIQ color 129.6870, -14.0350, 28.5970 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 129.6870, -14.0350, 28.5970 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 129.6870, -14.0350, 28.5970

Background



This preview shows how black text looks on a background with the YIQ color 129.6870, -14.0350, 28.5970.



This preview shows how white text looks on a background with the YIQ color 129.6870, -14.0350, 28.5970.

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

129.6870, -14.0350, 28.5970

Protanopia

125.4060, -41.4050, 18.0110

Deuteranopia

124.8530, -38.4700, 14.3780



Tritanopia

126.9440, -5.5940, 2.2620

Trichromacy



Original Color

129.6870, -14.0350, 28.5970

Protanomaly

126.6030, -31.5940, 21.9260

Deuteranomaly

126.5060, -29.9430, 19.5370

Tritanomaly

128.1860, -8.8510, 11.7330

Monochromacy



Original Color

129.6870, -14.0350, 28.5970

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.9860, -5.4120, 9.9800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.6870, -14.0350, 28.5970 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(134, 115, 194)` looks like.

```
.text, #text, p{  
    color:rgb(134, 115, 194)  
}
```

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(134, 115, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 115, 194) }
```

Border

The CSS property to change the border of an element to YIQ 129.6870, -14.0350, 28.5970 is called "border". The border property can be set on classes, ids or directly on the HTML element.

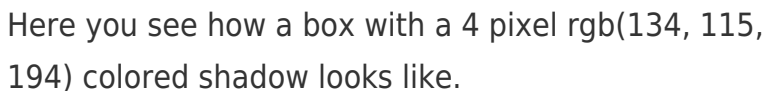
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(134, 115, 194) }
```


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

```
.border{ border-color:rgb(134, 115, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(134, 115, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(134, 115, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(134, 115, 194); box-shadow:4px 4px 4px 4px rgb(134, 115, 194) }
```

Background

The CSS property to change the background color of an element to YIQ 129.6870, -14.0350, 28.5970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 115, 194) }
```

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

```
.background{ background-color: rgb(134,  
115, 194) }
```

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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