

Converting Colors

YIQ(130.1410, 48.9160, 27.6040)

Have a look what the booklet for
YIQ(130.1410, 48.9160, 27.6040)
contains.

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Color

**YIQ(130.1410, 48.9160,
27.6040)**

Conversions

Conversions Part 1

Format	Color
Hex	C2637B
RGB	194, 99, 123
RGB Percent	76%, 39%, 48%
CMY	0.2390, 0.6119, 0.5175
CMYK	0.00, 0.49, 0.37, 0.24
HSL	345°, 44%, 57%
HSV	345°, 49%, 76%
XYZ	30.2999, 21.8248, 21.3692
YIQ	130.1410, 48.9160, 27.6040

Conversions

Conversions Part 2

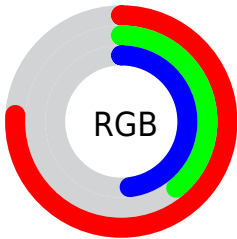
Format	Color
RYB	194, 99, 123
Decimal	12739451
CIELab	53.84, 40.53, 4.19
CIELCh	54, 40.742, 5.900
Yxy	21.8248, 0.4123, 0.2970
Android (android.graphics.Color)	4290929531 (0xFFC2637B)
YUV	130.1410, -3.5205, 56.0043
Hunter-Lab	46.7170, 34.0176, 5.5816

Details

The YIQ color **130.1410, 48.9160, 27.6040** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **162.8590, -48.9160, -27.6040**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.8210, 52.8130, 28.5650**, and **77.5750, 44.6980, 26.9540** is the 20% darker color. If you saturate the color by 10%, you get **117.3920, 58.6350, 33.1870**, and if you desaturate by 10%, it is **143.0040, 38.8760, 22.3320**.

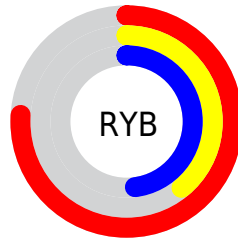
Distribution



Red (76%)

Green (39%)

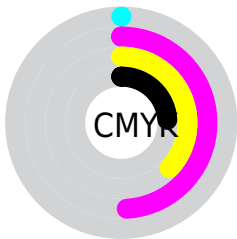
Blue (48%)



Red (76%)

Yellow (39%)

Blue (48%)

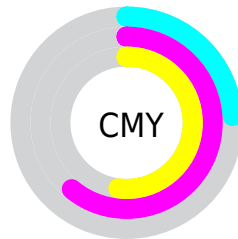


Cyan (0%)

Magenta (49%)

Yellow (37%)

Black (24%)



Cyan (24%)


Magenta (61%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 130.1410, 48.9160, 27.6040 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 130.1410, 48.9160, 27.6040 by changing the saturation by 10% instead.


 130.1410, 48.9160,
27.6040


 130.1410, 48.9160,
27.6040


255.0000, -0.0000,
-0.0000


 103.3580, 46.8070,
27.2790


 184.8210, 52.8130,
28.5650

 77.6890, 44.3770,
27.2650


 205.0470, 37.3170,
23.0530


 50.5580, 43.3680,
29.0320

 224.6750, 20.6290,
17.1170

 28.3510, 39.5170,
27.2370

 243.8470, 5.2250,
9.9370

 18.0260, 32.6420,
14.1620

 8.1870, 15.7710,
6.0350

 0.0000, 0.0000,

0.0000

■ 130.1410, 48.9160,
27.6040

■ 130.1410, 48.9160,
27.6040

■ 117.3920, 58.6350,
33.1870

■ 143.0040, 38.8760,
22.3320

■ 103.9420, 68.9500,
38.9820

■ 156.3400, 28.8820,
16.2260

■ 91.1930, 78.6690,
44.5650

■ 169.2030, 18.8420,
10.9540

■ 77.7430, 88.9840,
50.3600

■ 182.5390, 8.8480,
4.8480

■ 64.9940, 98.7030,
55.9430

■ 195.4020, -1.1920,
-0.4240

■ 63.5920, 99.8950,
56.3670

■ 208.1510,
-10.9110, -6.0070

■ 221.4870,
-20.9050, -12.1130

■ 234.3500,
-30.9450, -17.3850

■ 236.5330,
-35.7140, -13.5540

Harmonies

Analogous

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



132.2820, 26.7700, 32.4820



130.1410, 48.9160, 27.6040



128.8900, 56.3920, 13.2560

Triad

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



130.1410, 48.9160, 27.6040



121.2670, 2.4810, -28.4550



104.0680, -100.1320, -13.5080

Complementary

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



130.1410, 48.9160, 27.6040



162.8590, -48.9160, -27.6040

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.



104.3810, -94.1240, -23.2760



130.1410, 48.9160, 27.6040



112.8570, -37.4070, -32.4390

Square

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



130.1410, 48.9160, 27.6040



124.8640, 31.7770, -19.7350



101.6790, -83.7600, -34.8960



123.1010, -51.0320, 10.7600

Rectangle

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



130.1410, 48.9160, 27.6040



127.6580, 53.6890, 1.6650



101.6790, -83.7600, -34.8960



104.5580, -98.7560, -16.4200

Sweetspot

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



130.1410, 48.9160, 27.6040



227.0890, 19.1630, 10.6430



130.7600, 11.2250, 44.3850



112.4470, 12.1030, 6.4310



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.



130.1410, 48.9160, 27.6040



152.4700, 76.3310, 42.8830



140.3190, 50.5700, 8.6340



90.3320, 4.9970, 3.0530



52.8130, 82.7950, 46.8830



10.7790, 17.1000, 9.4840

Inverse Universe

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



130.1410, 48.9160, 27.6040



152.4700, 76.3310, 42.8830



152.6810, -50.5700, -8.6340



90.3320, 4.9970, 3.0530



52.8130, 82.7950, 46.8830



10.7790, 17.1000, 9.4840

Previews

White Background



This preview shows how the YIQ color 130.1410, 48.9160, 27.6040 looks on a white background.

Color Contrast Check

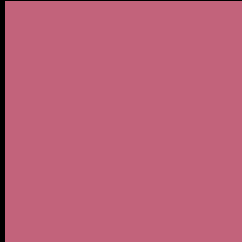
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.1410, 48.9160, 27.6040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

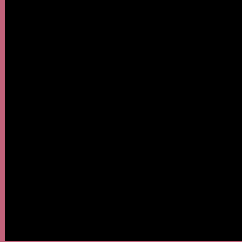
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.1410, 48.9160, 27.6040

Background



This preview shows how black text looks on a background with the YIQ color 130.1410, 48.9160, 27.6040.



This preview shows how white text looks on a background with the YIQ color 130.1410, 48.9160,

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

130.1410, 48.9160, 27.6040

Protanopia

129.3680, -3.8520, 3.7320

Deuteranopia

130.2960, 13.8460, 2.3740



Tritanopia

129.4200, 52.2640, 21.9920

Trichromacy



Original Color

130.1410, 48.9160, 27.6040

Protanomaly

129.4030, 15.4030, 12.7070

Deuteranomaly

130.5090, 26.7280, 11.2080

Tritanomaly

129.4030, 50.9340, 24.0700

Monochromacy



Original Color

130.1410, 48.9160, 27.6040

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

130.0780, 17.6960, 9.6960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.1410, 48.9160, 27.6040 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(194, 99, 123)` looks like.

```
.text, #text, p{  
    color:rgb(194, 99, 123)  
}
```

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(194, 99, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 99, 123) }
```

Border

The CSS property to change the border of an element to YIQ 130.1410, 48.9160, 27.6040 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(194, 99, 123) }
```


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

```
.border{ border-color:rgb(194, 99, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 99, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 99, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 99, 123);  
box-shadow:4px 4px 4px 4px rgb(194, 99,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 130.1410, 48.9160, 27.6040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 99, 123) }
```

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

```
.background{ background-color: rgb(194, 99,  
123) }
```

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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