

Converting Colors

YIQ(130.7930, 32.8210, 38.4610)

Have a look what the booklet for
YIQ(130.7930, 32.8210, 38.4610)
contains.

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Color

**YIQ(130.7930, 32.8210,
38.4610)**

Conversions

Conversions Part 1

Format	Color
Hex	BA61A0
RGB	186, 97, 160
RGB Percent	73%, 38%, 63%
CMY	0.2703, 0.6197, 0.3725
CMYK	0.00, 0.48, 0.14, 0.27
HSL	318°, 39%, 55%
HSV	318°, 48%, 73%
XYZ	30.8835, 21.5284, 35.7949
YIQ	130.7930, 32.8210, 38.4610

Conversions

Conversions Part 2

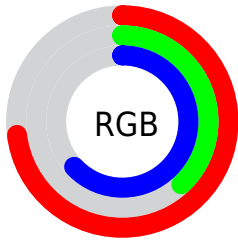
Format	Color
R_{YB}	186, 97, 160
Decimal	12214688
CIE _{Lab}	53.52, 44.07, -18.17
CIE _{LCh}	54, 47.671, 337.600
Yxy	21.5284, 0.3501, 0.2441
Android (android.graphics.Color)	4290404768 (0xFFBA61A0)
YUV	130.7930, 14.3991, 48.4165
Hunter-Lab	46.3987, 37.6137, -13.2609

Details

The YIQ color **130.7930, 32.8210, 38.4610** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **152.2070, -32.8210, -38.4610**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.5160, 35.1590, 40.1430**, and **77.8960, 31.0330, 37.8250** is the 20% darker color. If you saturate the color by 10%, you get **119.0700, 39.6510, 46.8430**, and if you desaturate by 10%, it is **142.5160, 25.9910, 30.0790**.

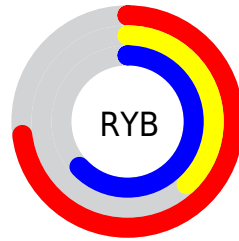
Distribution



Red (73%)

Green (38%)

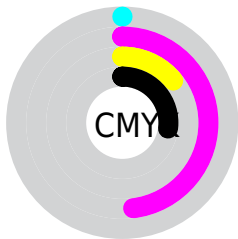
Blue (63%)



Red (73%)

Yellow (38%)

Blue (63%)

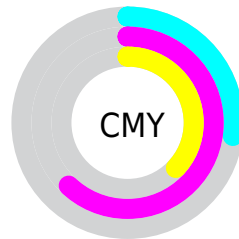


Cyan (0%)

Magenta (48%)

Yellow (14%)

Black (27%)



Cyan (27%)


Magenta (62%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 130.7930, 32.8210, 38.4610 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 130.7930, 32.8210, 38.4610 by changing the saturation by 10% instead.


 130.7930, 32.8210,
38.4610


 130.7930, 32.8210,
38.4610


255.0000, -0.0000,
-0.0000


 104.1950, 31.6290,
38.0370


 185.5160, 35.1590,
40.1430


 77.8960, 31.0330,
37.8250


 208.4330, 25.0270,
36.5390


 50.0640, 30.6200,
39.8040

 226.2370, 13.4750,
25.6270

 30.2760, 26.9070,
35.5070

 243.2600, 5.5000,
10.4600

 20.5920, 19.6650,
23.5770

 9.7120, 10.0390,
10.7990

 0.0000, 0.0000,

0.0000

■ 130.7930, 32.8210,
38.4610

■ 130.7930, 32.8210,
38.4610

■ 119.0700, 39.6510,
46.8430

■ 142.5160, 25.9910,
30.0790

■ 107.8200, 46.5270,
54.3910

■ 153.7660, 19.1150,
22.5310

■ 96.0970, 53.3570,
62.7730

■ 165.4890, 12.2850,
14.1490

■ 84.8470, 60.2330,
70.3210

■ 176.7390, 5.4090,
6.6010

■ 73.1240, 67.0630,
78.7030

■ 188.4620, -1.4210,
-1.7810

■ 70.6620, 68.4840,
80.4840

■ 200.2990, -8.5720,
-9.8520

■ 211.4350,
-15.1270, -17.7110

■ 223.2720,
-22.2780, -25.7820

■ 229.1250,
-26.3580, -28.9340

Harmonies

Analogous

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



131.3890, -7.2040, 31.4520



130.7930, 32.8210, 38.4610



127.6800, 57.7640, 32.4520

Triad

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



130.7930, 32.8210, 38.4610



122.5560, 35.4000, -24.8240



106.4670, -97.2420, -21.8340

Complementary

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



130.7930, 32.8210, 38.4610



152.2070, -32.8210, -38.4610

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.



102.4940, -84.6770, -34.7970



130.7930, 32.8210, 38.4610



117.9090, 0.3730, -34.3070

Square

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



130.7930, 32.8210, 38.4610



124.9430, 56.9000, -6.9720



103.7080, -56.3410, -41.7250



105.9090, -103.9380, -10.6100

Rectangle

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



130.7930, 32.8210, 38.4610



126.6510, 64.7350, 21.7510



103.7080, -56.3410, -41.7250



105.6860, -93.6650, -26.0890

Sweetspot

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



130.7930, 32.8210, 38.4610



220.9020, 12.5600, 14.6720



114.6210, -13.6690, 32.9790



109.5760, 7.4260, 8.5940



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



130.7930, 32.8210, 38.4610



156.4340, 50.7900, 59.7340



125.7770, 46.9450, 24.7770



86.3750, 3.4380, 3.7740



59.1840, 57.6660, 67.2820



10.6520, 10.2680, 12.1560

Inverse Universe

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



130.7930, 32.8210, 38.4610



156.4340, 50.7900, 59.7340



157.2230, -46.9450, -24.7770



86.3750, 3.4380, 3.7740



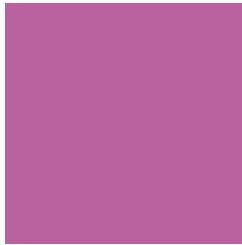
59.1840, 57.6660, 67.2820



10.6520, 10.2680, 12.1560

Previews

White Background



This preview shows how the YIQ color 130.7930, 32.8210, 38.4610 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 130.7930, 32.8210, 38.4610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

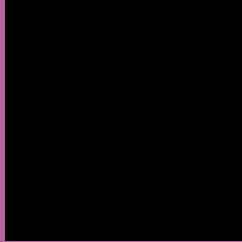
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.7930, 32.8210, 38.4610

Background



This preview shows how black text looks on a background with the YIQ color 130.7930, 32.8210, 38.4610.



This preview shows how white text looks on a background with the YIQ color 130.7930, 32.8210,

38.4610.

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

130.7930, 32.8210, 38.4610

Protanopia

128.4860, -27.1910, 13.7130

Deuteranopia

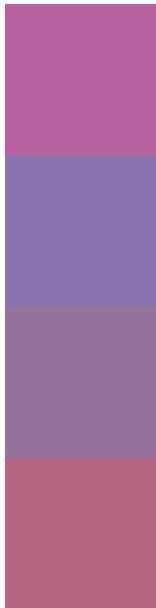
129.6050, -8.7130, 9.2310



Tritanopia

130.0380, 41.5360, 18.1760

Trichromacy



Original Color

130.7930, 32.8210, 38.4610

Protanomaly

129.1900, -5.5060, 22.7020

Deuteranomaly

129.6550, 6.1860, 20.0580

Tritanomaly

130.1120, 38.6920, 25.6680

Monochromacy



Original Color

130.7930, 32.8210, 38.4610

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

131.1900, 11.6890, 13.9370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.7930, 32.8210, 38.4610 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(186, 97, 160)` looks like.

```
.text, #text, p{  
    color:rgb(186, 97, 160)  
}
```

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(186, 97, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 97, 160) }
```

Border

The CSS property to change the border of an element to YIQ 130.7930, 32.8210, 38.4610 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(186, 97, 160) }
```


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

```
.border{ border-color:rgb(186, 97, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 97, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 97, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 97, 160);  
box-shadow:4px 4px 4px 4px rgb(186, 97,  
160) }
```

Background

The CSS property to change the background color of an element to YIQ 130.7930, 32.8210, 38.4610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 97, 160) }
```

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

```
.background{ background-color: rgb(186, 97,  
160) }
```

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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