

Converting Colors

YIQ(128.5280, 34.8850, 34.0930)

Have a look what the booklet for
YIQ(128.5280, 34.8850, 34.0930)
contains.

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Color

**YIQ(128.5280, 34.8850,
34.0930)**

Conversions

Conversions Part 1

Format	Color
Hex	B76194
RGB	183, 97, 148
RGB Percent	72%, 38%, 58%
CMY	0.2821, 0.6197, 0.4195
CMYK	0.00, 0.47, 0.19, 0.28
HSL	324°, 37%, 55%
HSV	324°, 47%, 72%
XYZ	29.1614, 20.7563, 30.4968
YIQ	128.5280, 34.8850, 34.0930

Conversions

Conversions Part 2

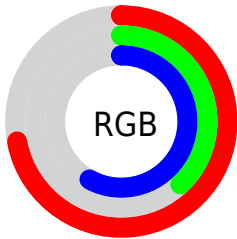
Format	Color
R_{YB}	183, 97, 148
Decimal	12018068
CIE _{Lab}	52.68, 41.19, -12.44
CIE _{LCh}	53, 43.026, 343.195
Yxy	20.7563, 0.3626, 0.2581
Android (android.graphics.Color)	4290208148 (0xFFB76194)
YUV	128.5280, 9.5997, 47.7719
Hunter-Lab	45.5591, 34.5257, -7.7968

Details

The YIQ color **128.5280, 34.8850, 34.0930** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **151.4720, -34.8850, -34.0930**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **183.1370, 37.5440, 35.4640**, and **76.3320, 32.5010, 33.2450** is the 20% darker color. If you saturate the color by 10%, you get **117.1640, 42.0820, 41.3300**, and if you desaturate by 10%, it is **139.8920, 27.6880, 26.8560**.

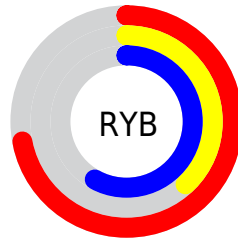
Distribution



Red (72%)

Green (38%)

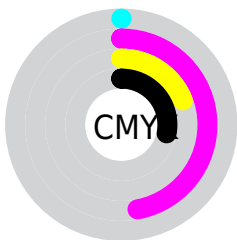
Blue (58%)



Red (72%)

Yellow (38%)

Blue (58%)

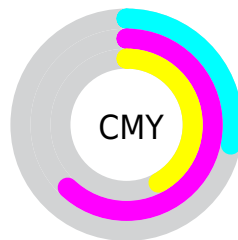


Cyan (0%)

Magenta (47%)

Yellow (19%)

Black (28%)



Cyan (28%)


Magenta (62%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 128.5280, 34.8850, 34.0930 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 128.5280, 34.8850, 34.0930 by changing the saturation by 10% instead.


 128.5280, 34.8850,
34.0930


 128.5280, 34.8850,
34.0930


255.0000, -0.0000,
-0.0000

 101.9300, 33.6930,
33.6690


 183.1370, 37.5440,
35.4640

 76.3320, 32.5010,
33.2450


 206.3640, 29.4750,
33.0190


 49.0870, 31.8130,
34.7010

 225.6500, 13.7500,
26.1500

 28.2390, 28.3290,
31.7610

 242.6730, 5.7750,
10.9830

 18.9680, 21.3620,
20.3540

 6.2790, 12.5160,
4.4520

 0.0000, 0.0000,

0.0000

■ 128.5280, 34.8850,
34.0930

■ 128.5280, 34.8850,
34.0930

■ 117.1640, 42.0820,
41.3300

■ 139.8920, 27.6880,
26.8560

■ 105.0990, 49.8750,
48.7790

■ 151.9570, 19.8950,
19.4070

■ 93.7350, 57.0720,
56.0160

■ 163.3210, 12.6980,
12.1700

■ 82.2570, 64.5900,
62.9420

■ 174.7990, 5.1800,
5.2440

■ 70.3060, 72.0620,
70.7020

■ 186.1630, -2.0170,
-1.9930

■ 67.1430, 74.0790,
72.6950

■ 198.2280, -9.8100,
-9.4420

■ 209.5920,
-17.0070, -16.6790

■ 221.0700,
-24.5250, -23.6050

■ 228.9120,
-30.0720, -27.7040

Harmonies

Analogous

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



129.0540, 1.0490, 30.5610



128.5280, 34.8850, 34.0930



126.1370, 54.7390, 26.6990

Triad

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



128.5280, 34.8850, 34.0930



120.5920, 26.5510, -24.1450



103.3040, -95.2250, -19.8410

Complementary

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



128.5280, 34.8850, 34.0930



151.4720, -34.8850, -34.0930

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.



100.6020, -84.8610, -31.4610



128.5280, 34.8850, 34.0930



115.8960, -6.7800, -31.3240

Square

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



128.5280, 34.8850, 34.0930



123.2840, 48.5100, -9.1060



102.2610, -59.2760, -38.0920



102.1760, -100.3160, -10.1720

Rectangle

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



128.5280, 34.8850, 34.0930



125.4390, 59.2800, 15.9840



102.2610, -59.2760, -38.0920



102.7510, -92.2900, -23.4740

Sweetspot

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



128.5280, 34.8850, 34.0930



216.1470, 13.2480, 13.2160



116.9700, -7.3420, 33.9540



106.7610, 8.3430, 8.4950



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



128.5280, 34.8850, 34.0930



152.7730, 53.9090, 52.7650



123.7400, 48.3670, 21.0310



86.2610, 3.7590, 3.4630



57.1320, 63.4440, 61.6840



10.3100, 11.2310, 11.2230

Inverse Universe

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



128.5280, 34.8850, 34.0930



152.7730, 53.9090, 52.7650



156.2600, -48.3670, -21.0310



86.2610, 3.7590, 3.4630



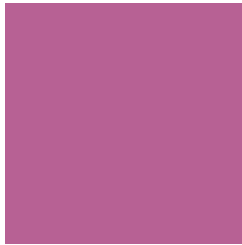
57.1320, 63.4440, 61.6840



10.3100, 11.2310, 11.2230

Previews

White Background



This preview shows how the YIQ color 128.5280, 34.8850, 34.0930 looks on a white background.

Color Contrast Check

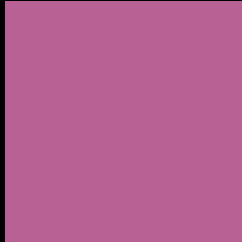
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.5280, 34.8850, 34.0930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

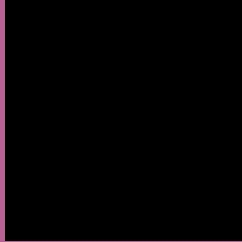
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 128.5280, 34.8850, 34.0930

Background



This preview shows how black text looks on a background with the YIQ color 128.5280, 34.8850, 34.0930.



This preview shows how white text looks on a background with the YIQ color 128.5280, 34.8850,

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

128.5280, 34.8850, 34.0930

Protanopia

126.4990, -20.0380, 10.7300

Deuteranopia

127.4870, -2.5690, 8.0150



Tritanopia

127.3370, 42.1320, 18.3880

Trichromacy



Original Color

128.5280, 34.8850, 34.0930

Protanomaly

127.3060, -0.1410, 19.0830

Deuteranomaly

127.9990, 10.9090, 17.0610

Tritanomaly

127.3570, 39.3800, 24.2120

Monochromacy



Original Color

128.5280, 34.8850, 34.0930

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.7340, 12.9730, 12.6930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.5280, 34.8850, 34.0930 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(183, 97, 148)` looks like.

```
.text, #text, p{  
    color:rgb(183, 97, 148)  
}
```

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(183, 97, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 97, 148) }
```

Border

The CSS property to change the border of an element to YIQ 128.5280, 34.8850, 34.0930 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(183, 97, 148) }
```


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

```
.border{ border-color:rgb(183, 97, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 97, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 97, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 97, 148);  
box-shadow:4px 4px 4px 4px rgb(183, 97,  
148) }
```

Background

The CSS property to change the background color of an element to YIQ 128.5280, 34.8850, 34.0930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 97, 148) }
```

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

```
.background{ background-color: rgb(183, 97,  
148) }
```

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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