

Converting Colors

YIQ(142.5830, 23.8840, 18.7000)

Have a look what the booklet for
YIQ(142.5830, 23.8840, 18.7000)
contains.

YIQ(142.5830, 23.8840, 18.7000)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(142.5830, 23.8840,
18.7000)**

Conversions

Conversions Part 1

Format	Color
Hex	B17C94
RGB	177, 124, 148
RGB Percent	69%, 49%, 58%
CMY	0.3057, 0.5138, 0.4195
CMYK	0.00, 0.30, 0.16, 0.31
HSL	333°, 25%, 59%
HSV	333°, 30%, 69%
XYZ	30.6914, 25.8998, 31.4066
YIQ	142.5830, 23.8840, 18.7000

Conversions

Conversions Part 2

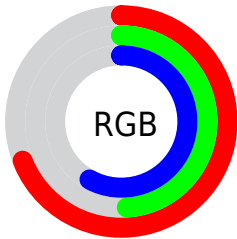
Format	Color
RYB	177, 124, 148
Decimal	11631764
CIELab	57.94, 24.31, -4.66
CIELCh	58, 24.755, 349.152
Yxy	25.8998, 0.3488, 0.2943
Android (android.graphics.Color)	4289821844 (0xFFB17C94)
YUV	142.5830, 2.6706, 30.1837
Hunter-Lab	50.8919, 18.5873, -0.9650

Details

The YIQ color **142.5830, 23.8840, 18.7000** is a light color, and the websafe version is hex **996666**. A complement of this color would be **158.4170, -23.8840, -18.7000**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **196.5940, 25.3510, 19.6470**, and **91.2730, 21.8210, 17.5410** is the 20% darker color. If you saturate the color by 10%, you get **130.8770, 32.0440, 25.0040**, and if you desaturate by 10%, it is **154.2890, 15.7240, 12.3960**.

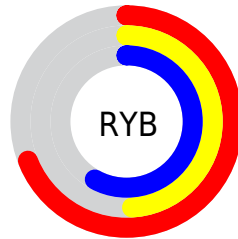
Distribution



Red (69%)

Green (49%)

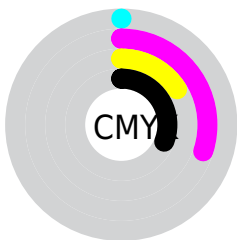
Blue (58%)



Red (69%)

Yellow (49%)

Blue (58%)

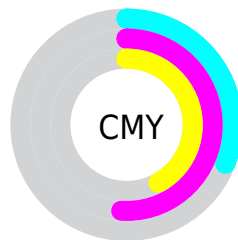


Cyan (0%)

Magenta (30%)

Yellow (16%)

Black (31%)



Cyan (31%)

Magenta (51%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.5830, 23.8840, 18.7000 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 142.5830, 23.8840, 18.7000 by changing the saturation by 10% instead.

■ 142.5830, 23.8840,
18.7000

■ 142.5830, 23.8840,
18.7000

■ 255.0000, -0.0000,
-0.0000

■ 116.8710, 23.0130,
17.9650

■ 196.5940, 25.3510,
19.6470

■ 91.2730, 21.8210,
17.5410

■ 222.8000, 21.7750,
18.3750

■ 67.6750, 20.6290,
17.1170

■ 242.0860, 6.0500,
11.5060

■ 44.0770, 19.4370,
16.6930

■ 21.5930, 17.9240,
16.5800

■ 8.7140, 15.7250,
6.8690

■ 0.0000, 0.0000,

0.0000

142.5830, 23.8840,
18.7000

142.5830, 23.8840,
18.7000

130.8770, 32.0440,
25.0040

154.2890, 15.7240,
12.3960

119.8720, 39.6080,
31.0960

165.2940, 8.1600,
6.3040

108.1660, 47.7680,
37.4000

177.0000, -0.0000,
0.0000

96.4600, 55.9280,
43.7040

188.7060, -8.1600,
-6.3040

84.8680, 63.7670,
50.3190

200.2980,
-15.9990, -12.9190

73.7490, 71.6520,
56.1000

211.4170,
-23.8840, -18.7000

■ 62.0430, 79.8120,
62.4040

■ 223.1230,
-32.0440, -25.0040

■ 228.2580,
-36.8580, -25.8660

■ 229.3980,
-40.0680, -22.7560

Harmonies

Analogous

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



142.4160, 5.3610, 18.4890



142.5830, 23.8840, 18.7000



141.8690, 34.5220, 13.1300

Triad

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



142.5830, 23.8840, 18.7000



136.3860, 12.9320, -14.1080



129.6810, -50.5700, -8.6340

Complementary

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



142.5830, 23.8840, 18.7000



158.4170, -23.8840, -18.7000

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.



127.9060, -47.1300, -15.9140



142.5830, 23.8840, 18.7000



134.1000, -6.8740, -18.6020

Square

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



142.5830, 23.8840, 18.7000



138.7410, 28.2900, -6.0940



130.6660, -29.0190, -19.2510



135.0620, -38.1010, 2.1790

Rectangle

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



142.5830, 23.8840, 18.7000



140.6640, 36.3570, 7.4050



130.6660, -29.0190, -19.2510



128.5020, -51.6240, -11.5600

Sweetspot

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



142.5830, 23.8840, 18.7000



216.3050, 9.6270, 7.2510



138.4140, -0.3250, 22.4190



106.5710, 5.8220, 4.6220



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



142.5830, 23.8840, 18.7000



176.0350, 37.5910, 29.1030



141.0210, 31.0380, 10.1900



83.1470, 4.0800, 3.1520



53.6130, 69.0390, 53.8950



9.1420, 11.6440, 9.2440

Inverse Universe

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



142.5830, 23.8840, 18.7000



176.0350, 37.5910, 29.1030



159.9790, -31.0380, -10.1900



83.1470, 4.0800, 3.1520



53.6130, 69.0390, 53.8950



9.1420, 11.6440, 9.2440

Previews

White Background



This preview shows how the YIQ color 142.5830, 23.8840, 18.7000 looks on a white background.

Color Contrast Check

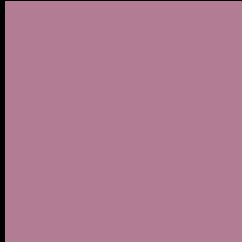
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.5830, 23.8840, 18.7000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

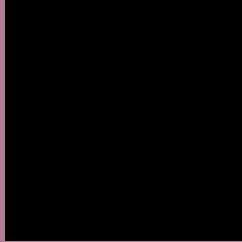
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 142.5830, 23.8840, 18.7000

Background



This preview shows how black text looks on a background with the YIQ color 142.5830, 23.8840, 18.7000.



This preview shows how white text looks on a background with the YIQ color 142.5830, 23.8840,

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

142.5830, 23.8840, 18.7000

Protanopia

140.4540, -6.9700, 5.1740

Deuteranopia

140.7390, 5.4090, 6.6010



Tritanopia

142.0900, 26.5900, 13.7100

Trichromacy



Original Color

142.5830, 23.8840, 18.7000

Protanomaly

141.6620, 4.3080, 10.0360

Deuteranomaly

141.4950, 12.1480, 11.1240

Tritanomaly

141.9590, 25.5810, 15.4770

Monochromacy



Original Color

142.5830, 23.8840, 18.7000

Achromatopsia

143.0000, -0.0000, 0.0000

Achromatomaly

142.7070, 8.4350, 6.8270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.5830, 23.8840, 18.7000 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(177, 124, 148)` looks like.

```
.text, #text, p{  
    color:rgb(177, 124, 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(177, 124, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 124, 148) }
```

Border

The CSS property to change the border of an element to YIQ 142.5830, 23.8840, 18.7000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

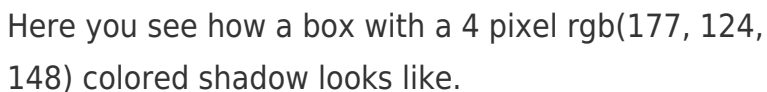
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 124, 148) }
```


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

```
.border{ border-color:rgb(177, 124, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 124, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 124, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 124, 148);  
box-shadow:4px 4px 4px 4px rgb(177, 124,  
148) }
```

Background

The CSS property to change the background color of an element to YIQ 142.5830, 23.8840, 18.7000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 124, 148) }
```

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

```
.background{ background-color: rgb(177,  
124, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor