

Converting Colors

YIQ(154.2840, 23.2880, 18.4880)

Have a look what the booklet for
YIQ(154.2840, 23.2880, 18.4880)
contains.

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Color

**YIQ(154.2840, 23.2880,
18.4880)**

Conversions

Conversions Part 1

Format	Color
Hex	BC88A0
RGB	188, 136, 160
RGB Percent	74%, 53%, 63%
CMY	0.2626, 0.4667, 0.3725
CMYK	0.00, 0.28, 0.15, 0.26
HSL	332°, 28%, 64%
HSV	332°, 28%, 74%
XYZ	35.8957, 30.8368, 37.3265
YIQ	154.2840, 23.2880, 18.4880

Conversions

Conversions Part 2

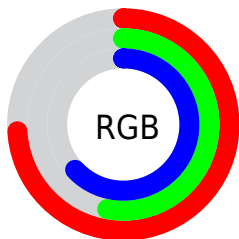
Format	Color
RYB	188, 136, 160
Decimal	12355744
CIELab	62.37, 23.61, -4.85
CIElCh	62, 24.107, 348.383
Yxy	30.8368, 0.3450, 0.2963
Android (android.graphics.Color)	4290545824 (0xFFBC88A0)
YUV	154.2840, 2.8180, 29.5689
Hunter-Lab	55.5309, 18.2050, -0.9817

Details

The YIQ color **154.2840, 23.2880, 18.4880** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **169.7160, -23.2880, -18.4880**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **209.2950, 24.7550, 19.4350**, and **102.9740, 21.2250, 17.3290** is the 20% darker color. If you saturate the color by 10%, you get **141.9910, 31.7230, 25.3150**, and if you desaturate by 10%, it is **166.5770, 14.8530, 11.6610**.

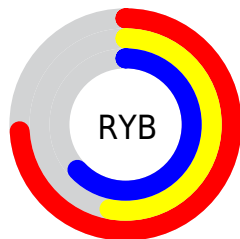
Distribution



Red (74%)

Green (53%)

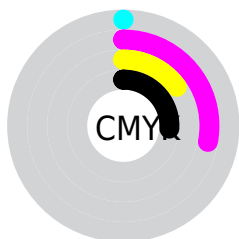
Blue (63%)



Red (74%)

Yellow (53%)

Blue (63%)

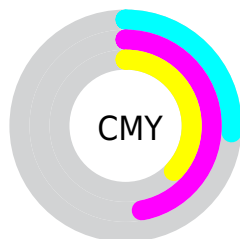


Cyan (0%)

Magenta (28%)

Yellow (15%)

Black (26%)



Cyan (26%)


Magenta (47%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 154.2840, 23.2880, 18.4880 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 154.2840, 23.2880, 18.4880 by changing the saturation by 10% instead.

 154.2840, 23.2880,
18.4880


 154.2840, 23.2880,
18.4880


255.0000, -0.0000,
-0.0000


 127.9850, 22.6920,
18.2760


 209.2950, 24.7550,
19.4350


 102.9740, 21.2250,
17.3290


 231.9130, 14.0270,
15.6190

 78.2620, 20.3540,
16.5940

 249.7170, 2.4750,
4.7070

 54.6640, 19.1620,
16.1700

 32.0660, 17.9700,
15.7460

 13.5280, 16.5490,
13.9650

 0.0000, 0.0000,

0.0000

■ 154.2840, 23.2880,
18.4880

■ 154.2840, 23.2880,
18.4880

■ 141.9910, 31.7230,
25.3150

■ 166.5770, 14.8530,
11.6610

■ 129.6980, 40.1580,
32.1420

■ 178.8700, 6.4180,
4.8340

■ 117.9920, 48.3180,
38.4460

■ 190.5760, -1.7420,
-1.4700

■ 105.6990, 56.7530,
45.2730

■ 202.9830,
-10.4980, -7.9860

■ 93.2920, 65.5090,
51.7890

■ 215.2760,
-18.9330, -14.8130

■ 80.9990, 73.9440,
58.6160

■ 227.5690,
-27.3680, -21.6400

■ 68.7060, 82.3790,
65.4430

■ 232.2310,
-32.2280, -21.6680

■ 66.1300, 84.1210,
66.9130

■ 233.3710,
-35.4380, -18.5580

■ 234.5110,
-38.6480, -15.4480

Harmonies

Analogous

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



154.0030, 5.0860, 17.9660



154.2840, 23.2880, 18.4880



153.5700, 33.9260, 12.9180

Triad

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



154.2840, 23.2880, 18.4880



148.6850, 13.5280, -13.8960



141.5780, -48.7820, -7.9980

Complementary

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



154.2840, 23.2880, 18.4880



169.7160, -23.2880, -18.4880

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.



140.5750, -44.7000, -15.9000



154.2840, 23.2880, 18.4880



145.5130, -6.5990, -18.0790

Square

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



154.2840, 23.2880, 18.4880



150.7410, 28.2900, -6.0940



142.5630, -27.2310, -18.6150



146.6600, -36.9090, 2.6030

Rectangle

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



154.2840, 23.2880, 18.4880



152.6640, 36.3570, 7.4050



142.5630, -27.2310, -18.6150



140.6980, -49.2400, -10.7120

Sweetspot

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



154.2840, 23.2880, 18.4880



232.0060, 9.0310, 7.0390



150.3000, -0.0040, 22.1080



114.2720, 5.2260, 4.4100



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.



154.2840, 23.2880, 18.4880



192.4370, 36.3990, 28.6790



152.7220, 30.4420, 9.9780



88.1470, 4.0800, 3.1520



55.5640, 70.7350, 56.1990



10.8650, 13.9820, 10.9260

Inverse Universe

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



154.2840, 23.2880, 18.4880



192.4370, 36.3990, 28.6790



171.2780, -30.4420, -9.9780



88.1470, 4.0800, 3.1520



55.5640, 70.7350, 56.1990



10.8650, 13.9820, 10.9260

Previews

White Background



This preview shows how the YIQ color 154.2840, 23.2880, 18.4880 looks on a white background.

Color Contrast Check

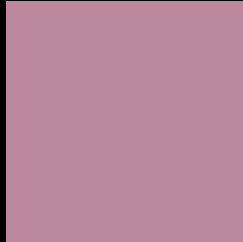
Large Text (above 18pt) WCAG AA × Fail

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 154.2840, 23.2880, 18.4880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

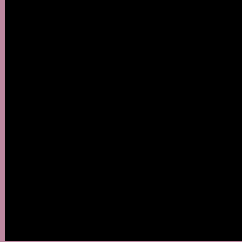
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 154.2840, 23.2880, 18.4880

Background



This preview shows how black text looks on a background with the YIQ color 154.2840, 23.2880, 18.4880.



This preview shows how white text looks on a background with the YIQ color 154.2840, 23.2880,

18.4880.

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

154.2840, 23.2880, 18.4880

Protanopia

151.8670, -6.6950, 5.6970

Deuteranopia

153.0380, 6.0050, 6.8130



Tritanopia

153.9050, 25.6730, 13.8090

Trichromacy



Original Color

154.2840, 23.2880, 18.4880

Protanomaly

152.7760, 3.9870, 10.3470

Deuteranomaly

153.4950, 12.1480, 11.1240

Tritanomaly

153.7740, 24.6640, 15.5760

Monochromacy



Original Color

154.2840, 23.2880, 18.4880

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

153.7070, 8.4350, 6.8270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.2840, 23.2880, 18.4880 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(188, 136, 160)` looks like.

```
.text, #text, p{  
    color:rgb(188, 136, 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(188, 136, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 136, 160) }
```

Border

The CSS property to change the border of an element to YIQ 154.2840, 23.2880, 18.4880 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(188, 136, 160) }
```


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

```
.border{ border-color:rgb(188, 136, 160) }
```

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

Here you see how a box with a 4 pixel rgb(188, 136, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 136, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 136, 160);  
box-shadow:4px 4px 4px 4px rgb(188, 136,  
160) }
```

Background

The CSS property to change the background color of an element to YIQ 154.2840, 23.2880, 18.4880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 136, 160) }
```

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

```
.background{ background-color: rgb(188,  
136, 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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