

Converting Colors

YIQ(193.8310, 1.0130, -23.8750)

Have a look what the booklet for
YIQ(193.8310, 1.0130, -23.8750)
contains.

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Color

**YIQ(193.8310, 1.0130,
-23.8750)**

Conversions

Conversions Part 1

Format	Color
Hex	B4D198
RGB	180, 209, 152
RGB Percent	71%, 82%, 60%
CMY	0.2942, 0.1803, 0.4039
CMYK	0.14, 0.00, 0.27, 0.18
HSL	91°, 38%, 71%
HSV	91°, 27%, 82%
XYZ	47.2881, 57.5743, 38.3316
YIQ	193.8310, 1.0130, -23.8750

Conversions

Conversions Part 2

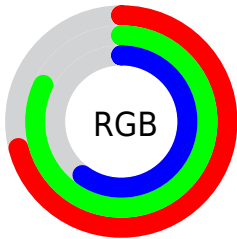
Format	Color
RYB	152, 209, 181
Decimal	11850136
CIELab	80.50, -19.76, 25.16
CIElCh	81, 31.994, 128.144
Yxy	57.5743, 0.3302, 0.4021
Android (android.graphics.Color)	4290040216 (0xFFB4D198)
YUV	193.8310, -20.6227, -12.1298
Hunter-Lab	75.8778, -21.5423, 23.1625

Details

The YIQ color **193.8310, 1.0130, -23.8750** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **167.1690, -1.0130, 23.8750**, and the grayscale version is **194.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **243.8470, 4.0840, -18.9560**, and **139.8850, 0.9210, -22.2070** is the 20% darker color. If you saturate the color by 10%, you get **188.1480, 1.1980, -32.7380**, and if you desaturate by 10%, it is **199.5140, 0.8280, -15.0120**.

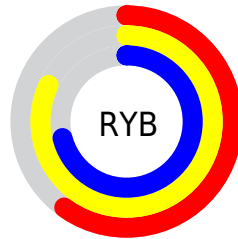
Distribution



Red (71%)

Green (82%)

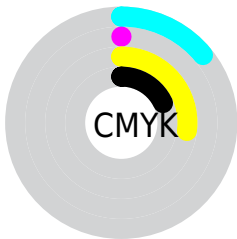
Blue (60%)



Red (60%)

Yellow (82%)

Blue (71%)

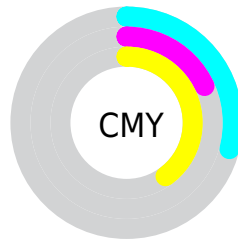


Cyan (14%)

Magenta (0%)

Yellow (27%)

Black (18%)



Cyan (29%)

Magenta (18%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.8310, 1.0130, -23.8750 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 193.8310, 1.0130, -23.8750 by changing the saturation by 10% instead.

■ 193.8310, 1.0130,
-23.8750

■ 193.8310, 1.0130,
-23.8750

255.0000, -0.0000,
-0.0000

■ 166.3580, 0.9670,
-23.0410

■ 243.8470, 4.0840,
-18.9560

■ 140.4720, 0.6460,
-22.7300

■ 252.7200, 6.4200,
-6.2200

■ 113.9990, 0.6000,
-21.8960

■ 89.2270, -0.0420,
-21.2740

■ 65.6400, 0.2330,
-20.7510

■ 42.6400, 0.2330,
-20.7510

■ 21.7520, -5.7740,

-16.5100

■ 1.7610, -0.8250,
-1.5690

■ 0.0000, 0.0000,
0.0000

■ 193.8310, 1.0130,
-23.8750

■ 193.8310, 1.0130,
-23.8750

■ 188.1480, 1.1980,
-32.7380

■ 199.5140, 0.8280,
-15.0120

■ 182.7640, 1.9790,
-41.3890

■ 204.8980, 0.0470,
-6.3610

■ 177.0810, 2.1640,
-50.2520

■ 210.5810, -0.1380,
2.5020

■ 171.3980, 2.3490,
-59.1150

■ 216.2640, -0.3230,
11.3650

■ 166.1280, 2.8090,
-67.4550

■ 221.4200, -0.4620,
19.3940

■ 160.4450, 2.9940,
-76.3180

■ 224.7090, 6.0940,
21.7260

■ 154.7620, 3.1790,
-85.1810

■ 227.9980, 12.6500,
24.0580

■ 153.4800, 3.9130,
-87.4710

Harmonies

Analogous

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



197.0470, 27.0080, -15.9040



193.8310, 1.0130, -23.8750



189.7380, -29.5220, -26.6580

Triad

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



193.8310, 1.0130, -23.8750



190.8080, -60.9330, -2.5410



202.7330, 41.0770, 20.9890

Complementary

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



193.8310, 1.0130, -23.8750



167.1690, -1.0130, 23.8750

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.



204.9240, 24.6620, 26.6300



193.8310, 1.0130, -23.8750



198.1970, -33.7470, 11.3810

Square

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



193.8310, 1.0130, -23.8750



185.1020, -71.1090, -16.3650



203.3860, -3.1220, 23.5500



201.7750, 49.2860, 9.8780

Rectangle

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



193.8310, 1.0130, -23.8750



186.3260, -48.7330, -25.4130



203.3860, -3.1220, 23.5500



203.8730, 37.8670, 24.0990

Sweetspot

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



193.8310, 1.0130, -23.8750



249.7300, 0.4600, -8.3400



186.0660, 25.9970, -3.0830



124.4250, 0.0010, -5.5270



0.0000, 0.0000, 0.0000



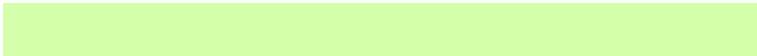
128.0000, -0.0000, -0.0000

Same Dimension

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



193.8310, 1.0130, -23.8750



232.5670, 1.3360, -35.2400



185.4590, -15.6750, -29.8110



101.9520, -0.0450, -4.6930



123.4330, 3.2680, -70.2680



30.0470, 0.6450, -17.2030

Inverse Universe

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



167.1690, -1.0130, 23.8750



193.4330, -1.3360, 35.2400



175.5410, 15.6750, 29.8110



96.7490, -0.5510, 4.4810



44.8660, -2.6720, 70.4800



10.9530, -0.6450, 17.2030

Previews

White Background



This preview shows how the YIQ color 193.8310, 1.0130, -23.8750 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 193.8310, 1.0130, -23.8750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

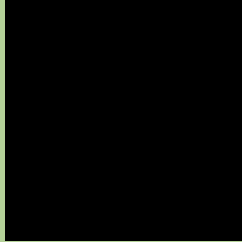
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 193.8310, 1.0130, -23.8750

Background



This preview shows how black text looks on a background with the YIQ color 193.8310, 1.0130, -23.8750.



This preview shows how white text looks on a background with the YIQ color 193.8310, 1.0130, -23.8750.

-23.8750.

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

193.8310, 1.0130, -23.8750

Protanopia

197.6710, 25.3110, -12.6810

Deuteranopia

199.5680, 36.2670, -1.9810



Tritanopia

199.5350, -11.6920, 2.6440

Trichromacy



Original Color

193.8310, 1.0130, -23.8750

Protanomaly

196.5450, 16.7380, -17.0060

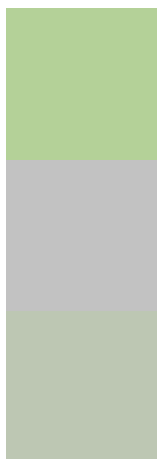
Deuteranomaly

197.8820, 23.3390, -9.9810

Tritanomaly

197.3640, -7.1970, -7.2370

Monochromacy



Original Color

193.8310, 1.0130, -23.8750

Achromatopsia

194.0000, -0.0000, 0.0000

Achromatomaly

193.7300, 0.4600, -8.3400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.8310, 1.0130, -23.8750 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(180, 209, 152)` looks like.

```
.text, #text, p{  
    color:rgb(180, 209, 152)  
}
```

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(180, 209, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 209, 152) }
```

Border

The CSS property to change the border of an element to YIQ 193.8310, 1.0130, -23.8750 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(180, 209, 152) }
```


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

```
.border{ border-color:rgb(180, 209, 152) }
```

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

Here you see how a box with a 4 pixel rgb(180, 209, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 209, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 209, 152);  
box-shadow:4px 4px 4px 4px rgb(180, 209,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 193.8310, 1.0130, -23.8750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 209, 152) }
```

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

```
.background{ background-color: rgb(180,  
209, 152) }
```

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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