

Converting Colors

YIQ(183.9630, -16.9140,
-23.8740)

Have a look what the booklet for
YIQ(183.9630, -16.9140, -23.8740)
contains.

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Color

**YIQ(183.9630, -16.9140,
-23.8740)**

Conversions

Conversions Part 1

Format	Color
Hex	99CCA2
RGB	153, 204, 162
RGB Percent	60%, 80%, 64%
CMY	0.4001, 0.1999, 0.3647
CMYK	0.25, 0.00, 0.21, 0.20
HSL	131°, 33%, 70%
HSV	131°, 25%, 80%
XYZ	41.2485, 52.5728, 42.1519
YIQ	183.9630, -16.9140, -23.8740

Conversions

Conversions Part 2

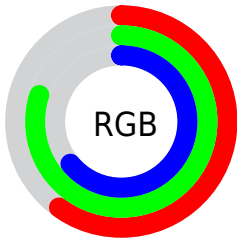
Format	Color
RYB	153, 196, 204
Decimal	10079394
CIELab	77.62, -24.99, 15.65
CIELCh	78, 29.489, 147.937
Yxy	52.5728, 0.3034, 0.3866
Android (android.graphics.Color)	4288269474 (0xFF99CCA2)
YUV	183.9630, -10.8278, -27.1546
Hunter-Lab	72.5071, -25.3408, 16.2869

Details

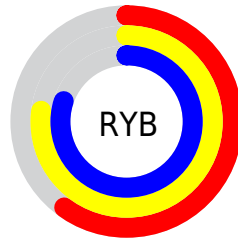
The YIQ color **183.9630, -16.9140, -23.8740** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **173.0370, 16.9140, 23.8740**, and the grayscale version is **184.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **236.6150, -15.8140, -21.7820**, and **130.7890, -16.3640, -22.8280** is the 20% darker color. If you saturate the color by 10%, you get **176.0450, -23.3770, -33.4010**, and if you desaturate by 10%, it is **191.8810, -10.4510, -14.3470**.

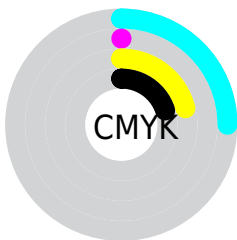
Distribution



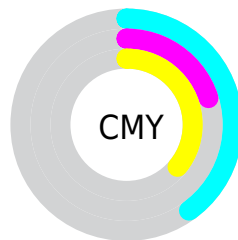
- Red (60%)
- Green (80%)
- Blue (64%)



- Red (60%)
- Yellow (77%)
- Blue (80%)



- Cyan (25%)
- Magenta (0%)
- Yellow (21%)
- Black (20%)



- Cyan (40%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 183.9630, -16.9140, -23.8740 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 183.9630, -16.9140, -23.8740 by changing the saturation by 10% instead.

■ 183.9630,
-16.9140, -23.8740

■ 183.9630,
-16.9140, -23.8740

255.0000, -0.0000,
-0.0000

■ 156.4900,
-16.9600, -23.0400

■ 236.6150,
-15.8140, -21.7820

■ 130.7890,
-16.3640, -22.8280

■ 248.4780, -7.5180,
-6.9260

■ 105.3160,
-16.4100, -21.9940

■ 79.8430, -16.4560,
-21.1600

■ 56.0710, -17.0980,
-20.5380

■ 32.1030, -20.1240,
-20.7640

■ 18.1970, -8.5250,

-16.2130

■ 0.0000, 0.0000,
0.0000

■ 183.9630,
-16.9140, -23.8740

■ 183.9630,
-16.9140, -23.8740

■ 176.0450,
-23.3770, -33.4010

■ 191.8810,
-10.4510, -14.3470

■ 167.8280,
-30.4360, -43.1400

■ 200.0980, -3.3920,
-4.6080

■ 160.0240,
-37.2200, -52.3560

■ 207.9020, 3.3920,
4.6080

■ 151.8070,
-44.2790, -62.0950

■ 216.1190, 10.4510,
14.3470

■ 143.8890,
-50.7420, -71.6220

■ 224.0370, 16.9140,
23.8740

■ 135.9710,
-57.2050, -81.1490

■ 225.0630, 14.0250,
26.6730

■ 127.7540,
-64.2640, -90.8880

■ 123.8520,
-67.6560, -95.4960

Harmonies

Analogous

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



187.5440, 9.3110, -20.0730



183.9630, -16.9140, -23.8740



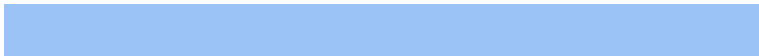
180.1310, -43.6900, -23.1940

Triad

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



183.9630, -16.9140, -23.8740



188.8540, -40.2110, 7.3810



194.4420, 46.0300, 13.8220

Complementary

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



183.9630, -16.9140, -23.8740



173.0370, 16.9140, 23.8740

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.



196.1500, 35.5290, 22.4170



183.9630, -16.9140, -23.8740



193.6620, -12.8870, 18.8010

Square

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



183.9630, -16.9140, -23.8740



181.7710, -59.5110, -6.2870



196.3680, 14.4840, 23.8600



192.5690, 43.6940, 1.0860

Rectangle

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



183.9630, -16.9140, -23.8740



178.4100, -57.5370, -20.0410



196.3680, 14.4840, 23.8600



194.8810, 43.4160, 17.1440

Sweetspot

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



183.9630, -16.9140, -23.8740



247.0820, -6.4630, -9.5270



195.7940, 11.6030, -17.5570



122.8590, -4.2170, -6.1770



0.0000, 0.0000, 0.0000



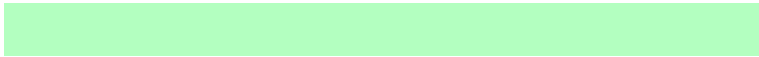
128.0000, -0.0000, -0.0000

Same Dimension

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



183.9630, -16.9140, -23.8740



225.0940, -25.0730, -35.7050



186.8130, -24.9390, -16.0990



98.0980, -3.3920, -4.6080



100.7480, -54.9590, -77.7990



23.1040, -12.6970, -17.6970

Inverse Universe

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



173.0370, 16.9140, 23.8740



208.7920, 25.3940, 35.3940



170.1870, 24.9390, 16.0990



95.9020, 3.3920, 4.6080



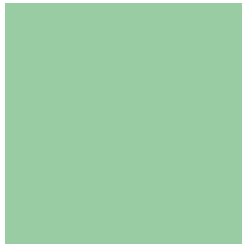
65.1380, 55.2800, 77.4880



14.8960, 12.6970, 17.6970

Previews

White Background



This preview shows how the YIQ color 183.9630, -16.9140, -23.8740 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 183.9630, -16.9140, -23.8740 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 183.9630, -16.9140, -23.8740 Background



This preview shows how black text looks on a background with the YIQ color 183.9630, -16.9140, -23.8740.



This preview shows how white text looks on a background with the YIQ color 183.9630, -16.9140, -23.8740.

-23.8740.

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

183.9630, -16.9140, -23.8740

Protanopia

190.5980, 18.3870, -8.3410

Deuteranopia

192.4130, 26.6380, 1.8220



Tritanopia

188.3590, -25.9960, -2.4440

Trichromacy



Original Color

183.9630, -16.9140, -23.8740

Protanomaly

188.3790, 5.6420, -14.1500

Deuteranomaly

189.2320, 10.7300, -7.2380

Tritanomaly

187.0570, -22.5100, -10.5580

Monochromacy



Original Color

183.9630, -16.9140, -23.8740

Achromatopsia

184.0000, 0.0000, -0.0000

Achromatomaly

183.9080, -5.9130, -8.4810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.9630, -16.9140, -23.8740 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(153, 204, 162)` looks like.

```
.text, #text, p{  
    color:rgb(153, 204, 162)  
}
```

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(153, 204, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 204, 162) }
```

Border

The CSS property to change the border of an element to YIQ 183.9630, -16.9140, -23.8740 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(153, 204, 162) }
```


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

```
.border{ border-color:rgb(153, 204, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 204, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 204, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 204, 162);  
box-shadow:4px 4px 4px 4px rgb(153, 204,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 183.9630, -16.9140, -23.8740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 204, 162) }
```

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

```
.background{ background-color: rgb(153,  
204, 162) }
```

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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