

Converting Colors

YIQ(199.4580, -23.1020,
-32.8780)

Have a look what the booklet for
YIQ(199.4580, -23.1020, -32.8780)
contains.

YIQ(199.4580, -23.1020, -32.8780)	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(199.4580, -23.1020,
-32.8780)**

Conversions

Conversions Part 1

Format	Color
Hex	9DE3A9
RGB	157, 227, 169
RGB Percent	62%, 89%, 66%
CMY	0.3845, 0.1097, 0.3373
CMYK	0.31, 0.00, 0.26, 0.11
HSL	130°, 56%, 75%
HSV	130°, 31%, 89%
XYZ	48.5319, 64.9812, 47.5150
YIQ	199.4580, -23.1020, -32.8780

Conversions

Conversions Part 2

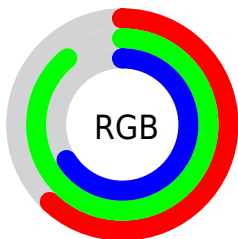
Format	Color
RYB	157, 217, 227
Decimal	10347433
CIELab	84.47, -33.44, 21.53
CIELCh	84, 39.772, 147.224
Yxy	64.9812, 0.3014, 0.4035
Android (android.graphics.Color)	4288537513 (0xFF9DE3A9)
YUV	199.4580, -15.0158, -37.2357
Hunter-Lab	80.6109, -33.6029, 21.4800

Details

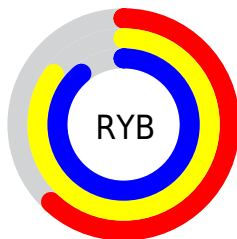
The YIQ color **199.4580, -23.1020, -32.8780** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **184.5420, 23.1020, 32.8780**, and the grayscale version is **200.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **238.9080, -15.0810, -18.5450**, and **144.5120, -23.1940, -31.2100** is the 20% darker color. If you saturate the color by 10%, you get **190.4150, -30.7110, -43.6630**, and if you desaturate by 10%, it is **208.5010, -15.4930, -22.0930**.

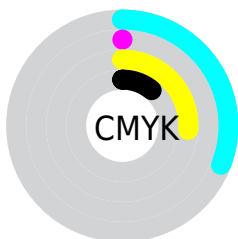
Distribution



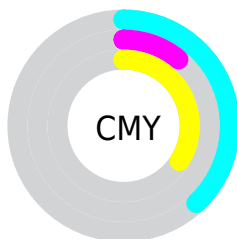
- Red (62%)
- Green (89%)
- Blue (66%)



- Red (62%)
- Yellow (85%)
- Blue (89%)



- Cyan (31%)
- Magenta (0%)
- Yellow (26%)
- Black (11%)



- Cyan (38%)
- Magenta (11%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.4580, -23.1020, -32.8780 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 199.4580, -23.1020, -32.8780 by changing the saturation by 10% instead.

■ 199.4580,
-23.1020, -32.8780

■ 199.4580,
-23.1020, -32.8780

■ 255.0000, -0.0000,
-0.0000

■ 171.8710,
-22.8270, -32.3550

■ 238.9080,
-15.0810, -18.5450

■ 144.5120,
-23.1940, -31.2100

■ 250.8850, -7.1060,
-3.3780

■ 118.0390,
-23.2400, -30.3760

■ 92.2670, -23.8820,
-29.7540

■ 66.2990, -26.9080,
-29.9800

■ 43.1250, -26.3580,
-28.9340

■ 27.0020, -12.6500,

-24.0580

■ 14.0880, -6.6000,
-12.5520

■ 0.0000, 0.0000,
0.0000

■ 199.4580,
-23.1020, -32.8780

■ 199.4580,
-23.1020, -32.8780

■ 190.4150,
-30.7110, -43.6630

■ 208.5010,
-15.4930, -22.0930

■ 181.6710,
-37.7240, -54.2360

■ 217.2450, -8.4800,
-11.5200

■ 172.7420,
-45.6540, -64.7100

■ 226.1740, -0.5500,
-1.0460

■ 163.6990,
-53.2630, -75.4950

■ 235.2170, 7.0590,
9.7390

■ 154.6560,
-60.8720, -86.2800

■ 238.5640, 7.7000,
14.6440

■ 145.9120,
-67.8850, -96.8530

■ 137.6950,
-74.9440, -106.5920

Harmonies

Analogous

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



204.9540, 13.6680, -27.4520



199.4580, -23.1020, -32.8780



192.2700, -63.4950, -33.2150

Triad

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



199.4580, -23.1020, -32.8780



201.0220, -49.7920, -0.7040



205.1320, 43.9670, 12.6630

Complementary

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



199.4580, -23.1020, -32.8780



184.5420, 23.1020, 32.8780

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.



207.7030, 32.5940, 26.0500



199.4580, -23.1020, -32.8780



210.7330, -11.6490, 18.3910

Square

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



199.4580, -23.1020, -32.8780



190.1480, -85.9180, -17.8060



216.5030, 18.8380, 33.0620



207.1090, 50.8010, -1.0630

Rectangle

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



199.4580, -23.1020, -32.8780



187.4600, -87.3370, -30.6410



216.5030, 18.8380, 33.0620



205.3260, 40.6650, 17.4410

Sweetspot

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



199.4580, -23.1020, -32.8780



245.9570, -7.6090, -10.7850



215.4320, 15.3180, -24.3140



122.1470, -5.0880, -6.9120



0.0000, 0.0000, 0.0000



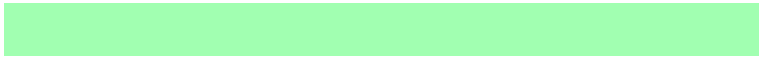
128.0000, -0.0000, -0.0000

Same Dimension

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



199.4580, -23.1020, -32.8780



218.0020, -30.9860, -44.1860



203.4480, -34.3370, -21.9930



110.2720, -3.9420, -5.6540



108.6070, -59.1760, -83.9760



30.9630, -16.9140, -23.8740

Inverse Universe

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



184.5420, 23.1020, 32.8780



197.9980, 30.9860, 44.1860



180.5520, 34.3370, 21.9930



107.7280, 3.9420, 5.6540



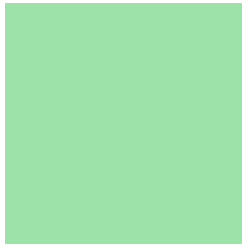
70.3930, 59.1760, 83.9760



20.0370, 16.9140, 23.8740

Previews

White Background



This preview shows how the YIQ color 199.4580, -23.1020, -32.8780 looks on a white background.

Color Contrast Check

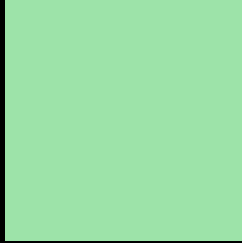
Large Text (above 18pt) WCAG AA × Fail

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 199.4580, -23.1020, -32.8780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

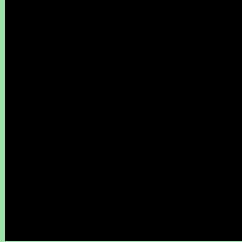
Any Text WCAG AA ✓ Pass

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 199.4580, -23.1020, -32.8780 Background



This preview shows how black text looks on a background with the YIQ color 199.4580, -23.1020, -32.8780.



This preview shows how white text looks on a background with the YIQ color 199.4580, -23.1020, -32.8780.

-32.8780.

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

199.4580, -23.1020, -32.8780

Protanopia

208.6000, 24.0730, -12.2710

Deuteranopia

211.0670, 33.4240, -0.0160



Tritanopia

205.7000, -34.3860, -4.5780

Trichromacy



Original Color

199.4580, -23.1020, -32.8780

Protanomaly

205.2880, 7.1560, -19.5640

Deuteranomaly

206.8530, 13.1150, -11.9170

Tritanomaly

203.2300, -30.4870, -14.6710

Monochromacy



Original Color

199.4580, -23.1020, -32.8780

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

199.1310, -8.1590, -11.8310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.4580, -23.1020, -32.8780 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(157, 227, 169)` looks like.

```
.text, #text, p{  
    color:rgb(157, 227, 169)  
}
```

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(157, 227, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 227, 169) }
```

Border

The CSS property to change the border of an element to YIQ 199.4580, -23.1020, -32.8780 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

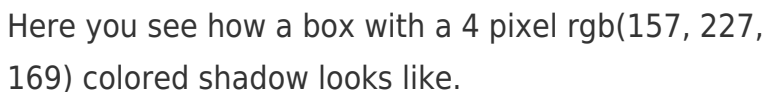
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 227, 169) }
```


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

```
.border{ border-color:rgb(157, 227, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 227, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 227, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 227, 169); box-shadow:4px 4px 4px 4px rgb(157, 227, 169) }
```

Background

The CSS property to change the background color of an element to YIQ 199.4580, -23.1020, -32.8780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 227, 169) }
```

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

```
.background{ background-color: rgb(157,  
227, 169) }
```

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