

Converting Colors

YIQ(199.6440, 3.5780, -9.7820)

Have a look what the booklet for
YIQ(199.6440, 3.5780, -9.7820)
contains.

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Color

**YIQ(199.6440, 3.5780,
-9.7820)**

Conversions

Conversions Part 1

Format	Color
Hex	C5CDB3
RGB	197, 205, 179
RGB Percent	77%, 80%, 70%
CMY	0.2275, 0.1960, 0.2980
CMYK	0.04, 0.00, 0.13, 0.20
HSL	78°, 21%, 75%
HSV	79°, 13%, 80%
XYZ	52.9933, 58.7884, 51.2067
YIQ	199.6440, 3.5780, -9.7820

Conversions

Conversions Part 2

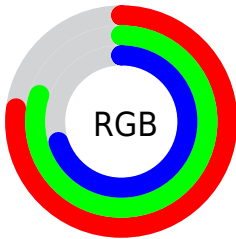
Format	Color
RYB	179, 205, 187
Decimal	12963251
CIELab	81.18, -7.33, 12.01
CIELCh	81, 14.073, 121.401
Yxy	58.7884, 0.3251, 0.3607
Android (android.graphics.Color)	4291153331 (0xFFC5CDB3)
YUV	199.6440, -10.1775, -2.3188
Hunter-Lab	76.6736, -10.8076, 14.0745

Details

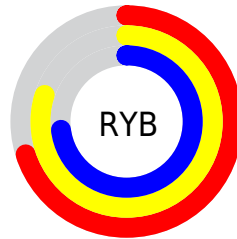
The YIQ color $199.6440, 3.5780, -9.7820$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $184.3560, -3.5780, 9.7820$, and the grayscale version is $200.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $252.4210, 5.8240, -6.4320$, and $145.7580, 3.2570, -9.4710$ is the 20% darker color. If you saturate the color by 10%, you get $195.5700, 6.4220, -17.2740$, and if you desaturate by 10%, it is $203.8320, 0.4130, -1.9790$.

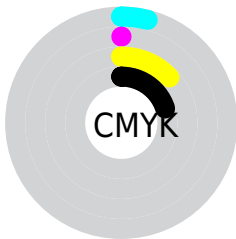
Distribution



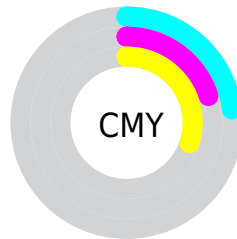
- Red (77%)
- Green (80%)
- Blue (70%)



- Red (70%)
- Yellow (80%)
- Blue (73%)



- Cyan (4%)
- Magenta (0%)
- Yellow (13%)
- Black (20%)



- Cyan (23%)
- Magenta (20%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.6440, 3.5780, -9.7820 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 199.6440, 3.5780, -9.7820 by changing the saturation by 10% instead.

 199.6440, 3.5780,
-9.7820


 199.6440, 3.5780,
-9.7820


255.0000, -0.0000,
-0.0000


 172.6440, 3.5780,
-9.7820


 252.4210, 5.8240,
-6.4320

 145.7580, 3.2570,
-9.4710

 119.8720, 2.9360,
-9.1600

 95.2850, 3.2110,
-8.6370

 71.3990, 2.8900,
-8.3260

 48.9260, 2.8440,
-7.4920

 27.8120, 3.1650,

-7.8030

■ 4.6960, -2.2000,
-4.1840

■ 0.0000, 0.0000,
0.0000

■ 199.6440, 3.5780,
-9.7820

■ 199.6440, 3.5780,
-9.7820

■ 195.5700, 6.4220,
-17.2740

■ 203.8320, 0.4130,
-1.9790

■ 191.0830, 8.9910,
-25.2890

■ 208.2050, -1.8350,
5.7250

■ 187.0090, 11.8350,
-32.7810

■ 212.3930, -5.0000,
13.5280

■ 182.8210, 15.0000,
-40.5840

■ 215.7830, -5.9180,
19.1540

■ 178.4480, 17.2480,
-48.2880

■ 217.8760, -1.7460,
20.6380

■ 174.2600, 20.4130,
-56.0910

■ 219.6700, 1.8300,
21.9100

■ 170.1860, 23.2570,
-63.5830

■ 221.4640, 5.4060,
23.1820

■ 165.6990, 25.8260,
-71.5980

■ 223.5570, 9.5780,
24.6660

■ 162.7930, 28.2570,
-77.1110

■ 225.3510, 13.1540,
25.9380

Harmonies

Analogous

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



201.3250, 14.9020, -5.7540



199.6440, 3.5780, -9.7820



198.0600, -9.3970, -11.4210

Triad

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



199.6440, 3.5780, -9.7820



198.7830, -24.2540, -0.9740



204.3770, 18.2920, 9.9080

Complementary

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



199.6440, 3.5780, -9.7820



184.3560, -3.5780, 9.7820

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.



204.0540, 9.0760, 11.7320



199.6440, 3.5780, -9.7820



200.7780, -16.6900, 5.1180

Square

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



199.6440, 3.5780, -9.7820



197.4250, -26.3620, -6.8260



203.0570, -4.1740, 9.5700



204.0800, 23.3820, 5.7660

Rectangle

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



199.6440, 3.5780, -9.7820



197.1670, -17.0080, -11.1520



203.0570, -4.1740, 9.5700



204.3490, 15.4950, 11.0390

Sweetspot

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



199.6440, 3.5780, -9.7820



252.9630, 1.4220, -3.7460



191.4700, 13.2960, 1.3280



126.6040, 1.0550, -2.6010



0.0000, 0.0000, 0.0000



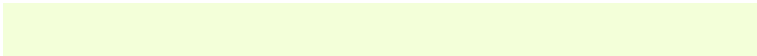
128.0000, -0.0000, -0.0000

Same Dimension

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



199.6440, 3.5780, -9.7820



247.0800, 5.0460, -14.3620



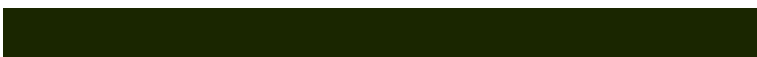
195.7570, -4.1700, -12.5380



99.9630, 1.4220, -3.7460



131.8270, 22.8900, -62.4380



30.0800, 5.0460, -14.3620

Inverse Universe

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



184.3560, -3.5780, 9.7820



224.9200, -5.0460, 14.3620



188.2430, 4.1700, 12.5380



94.0370, -1.4220, 3.7460



34.1730, -22.8900, 62.4380



7.9200, -5.0460, 14.3620

Previews

White Background



This preview shows how the YIQ color 199.6440, 3.5780, -9.7820 looks on a white background.

Color Contrast Check

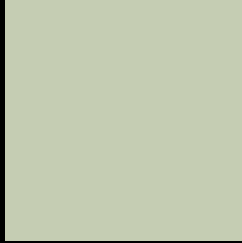
Large Text (above 18pt) WCAG AA × Fail

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 199.6440, 3.5780, -9.7820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

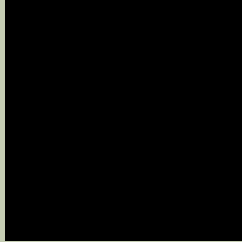
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

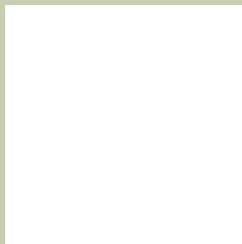
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 199.6440, 3.5780, -9.7820

Background



This preview shows how black text looks on a background with the YIQ color 199.6440, 3.5780, -9.7820.



This preview shows how white text looks on a background with the YIQ color 199.6440, 3.5780,

-9.7820.

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

199.6440, 3.5780, -9.7820

Protanopia

201.2540, 13.6640, -5.3440

Deuteranopia

202.6840, 24.4370, 3.1650



Tritanopia

202.4220, -3.9440, 5.4000

Trichromacy



Original Color

199.6440, 3.5780, -9.7820

Protanomaly

200.4600, 10.0880, -6.6160

Deuteranomaly

201.6290, 17.1020, -1.5700

Tritanomaly

201.5160, -1.5130, -0.1130

Monochromacy



Original Color

199.6440, 3.5780, -9.7820

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

199.9630, 1.4220, -3.7460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.6440, 3.5780, -9.7820 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(197, 205, 179)` looks like.

```
.text, #text, p{  
    color:rgb(197, 205, 179)  
}
```

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(197, 205, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 205, 179) }
```

Border

The CSS property to change the border of an element to YIQ 199.6440, 3.5780, -9.7820 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(197, 205, 179) }
```


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

```
.border{ border-color:rgb(197, 205, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 205, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 205, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 205, 179);  
box-shadow:4px 4px 4px 4px rgb(197, 205,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 199.6440, 3.5780, -9.7820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 205, 179) }
```

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

```
.background{ background-color: rgb(197,  
205, 179) }
```

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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