

Converting Colors

YIQ(199.9440, 10.4600,
-35.3960)

Have a look what the booklet for
YIQ(199.9440, 10.4600, -35.3960)
contains.

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Color

**YIQ(199.9440, 10.4600,
-35.3960)**

Conversions

Conversions Part 1

Format	Color
Hex	BCDC80
RGB	188, 220, 128
RGB Percent	74%, 86%, 50%
CMY	0.2629, 0.1372, 0.4979
CMYK	0.15, 0.00, 0.42, 0.14
HSL	81°, 57%, 68%
HSV	81°, 42%, 86%
XYZ	50.2255, 63.4396, 30.0299
YIQ	199.9440, 10.4600, -35.3960

Conversions

Conversions Part 2

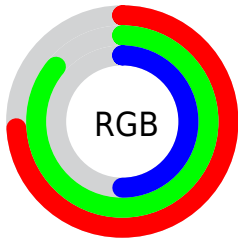
Format	Color
RYB	128, 220, 160
Decimal	12377216
CIELab	83.67, -25.39, 41.67
CIELCh	84, 48.793, 121.360
Yxy	63.4396, 0.3495, 0.4415
Android (android.graphics.Color)	4290567296 (0xFFBCDC80)
YUV	199.9440, -35.4684, -10.4749
Hunter-Lab	79.6490, -26.8263, 33.4003

Details

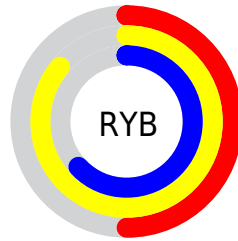
The YIQ color **199.9440, 10.4600, -35.3960** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **148.0560, -10.4600, 35.3960**, and the grayscale version is **200.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **243.6880, 17.4730, -24.8230**, and **145.4000, 9.1760, -34.1520** is the 20% darker color. If you saturate the color by 10%, you get **195.0440, 12.7540, -43.9340**, and if you desaturate by 10%, it is **204.8440, 8.1660, -26.8580**.

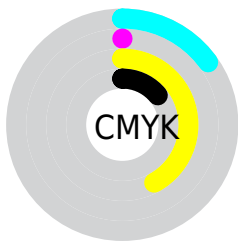
Distribution



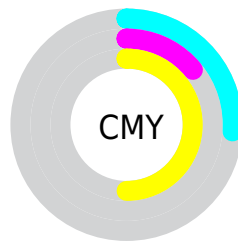
- Red (74%)
- Green (86%)
- Blue (50%)



- Red (50%)
- Yellow (86%)
- Blue (63%)



- Cyan (15%)
- Magenta (0%)
- Yellow (42%)
- Black (14%)



- Cyan (26%)
- Magenta (14%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.9440, 10.4600, -35.3960 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 199.9440, 10.4600, -35.3960 by changing the saturation by 10% instead.

■ 199.9440, 10.4600,
-35.3960

■ 199.9440, 10.4600,
-35.3960

255.0000, -0.0000,
-0.0000

■ 172.1720, 9.8180,
-34.7740

■ 243.6880, 17.4730,
-24.8230

■ 145.4000, 9.1760,
-34.1520

■ 249.8700, 14.4450,
-13.9950

■ 118.9270, 9.1300,
-33.3180

■ 253.1760, 5.1360,
-4.9760

■ 93.5140, 8.8550,
-33.8410

■ 68.4000, 9.1760,
-34.1520

■ 47.7230, 1.1970,
-27.2110

■ 25.5510, -9.7620,

-21.3300

■ 12.3270, -5.7750,
-10.9830

■ 0.0000, 0.0000,
0.0000

■ 199.9440, 10.4600,
-35.3960

■ 199.9440, 10.4600,
-35.3960

■ 195.0440, 12.7540,
-43.9340

■ 204.8440, 8.1660,
-26.8580

■ 190.4430, 15.6440,
-52.2600

■ 209.4450, 5.2760,
-18.5320

■ 185.5430, 17.9380,
-60.7980

■ 214.3450, 2.9820,
-9.9940

■ 180.6430, 20.2320,
-69.3360

■ 219.2450, 0.6880,
-1.4560

■ 176.0420, 23.1220,
-77.6620

■ 223.8460, -2.2020,
6.8700

■ 171.8970, 24.7280,
-84.7440

■ 228.1760, -2.8910,
13.8530

■ 230.5680, 1.8770,
15.5490

■ 232.6610, 6.0490,
17.0330

■ 234.4550, 9.6250,
18.3050

Harmonies

Analogous

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



205.1830, 46.8160, -22.4640



199.9440, 10.4600, -35.3960



192.1740, -37.2220, -41.3020

Triad

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



199.9440, 10.4600, -35.3960



166.2280, -133.5980, -34.7660



200.9210, 37.9120, 28.7920

Complementary

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



199.9440, 10.4600, -35.3960



148.0560, -10.4600, 35.3960

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.



210.7470, 21.2670, 38.6030



199.9440, 10.4600, -35.3960



195.6730, -56.1190, -1.6790

Square

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



199.9440, 10.4600, -35.3960



165.2540, -145.6550, -42.0310



208.7060, -7.0190, 22.5890



198.1390, 51.2570, 12.7050

Rectangle

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



199.9440, 10.4600, -35.3960



183.3020, -75.6890, -43.5050



208.7060, -7.0190, 22.5890



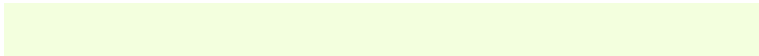
203.3320, 32.5010, 33.2450

Sweetspot

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



199.9440, 10.4600, -35.3960



247.6500, 3.4410, -12.8070



173.7050, 46.3070, 3.2910



123.2140, 1.9730, -8.2270



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.



199.9440, 10.4600, -35.3960



227.3660, 14.5430, -48.8250



186.4890, -16.3600, -44.9360



107.5500, 1.1470, -4.2690



135.3380, 19.7730, -66.5230



35.9720, 5.2300, -17.6980

Inverse Universe

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



148.0560, -10.4600, 35.3960



155.6340, -14.5430, 48.8250



161.5110, 16.3600, 44.9360



101.4500, -1.1470, 4.2690



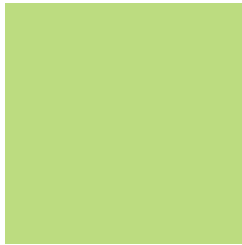
37.6620, -19.7730, 66.5230



10.0280, -5.2300, 17.6980

Previews

White Background



This preview shows how the YIQ color 199.9440, 10.4600, -35.3960 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 199.9440, 10.4600, -35.3960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

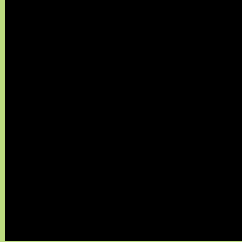
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.9440, 10.4600, -35.3960

Background



This preview shows how black text looks on a background with the YIQ color 199.9440, 10.4600, -35.3960.



This preview shows how white text looks on a background with the YIQ color 199.9440, 10.4600, -35.3960.

-35.3960.

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

199.9440, 10.4600, -35.3960

Protanopia

204.4040, 38.8840, -21.8840

Deuteranopia

207.0240, 52.1780, -9.5020



Tritanopia

208.4320, -9.9040, 3.2800

Trichromacy



Original Color

199.9440, 10.4600, -35.3960

Protanomaly

202.3810, 28.5230, -26.8450

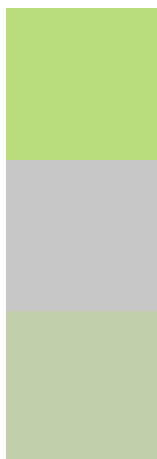
Deuteranomaly

204.6150, 36.9120, -19.1840

Tritanomaly

205.2950, -2.7490, -10.7570

Monochromacy



Original Color

199.9440, 10.4600, -35.3960

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

199.9490, 4.0370, -12.5950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.9440, 10.4600, -35.3960 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, 220, 128)` looks like.

```
.text, #text, p{  
    color:rgb(188, 220, 128)  
}
```

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, 220, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 220, 128) }
```

Border

The CSS property to change the border of an element to YIQ 199.9440, 10.4600, -35.3960 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, 220, 128) }
```


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

```
.border{ border-color:rgb(188, 220, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 220, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 220, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 220, 128); box-shadow:4px 4px 4px 4px rgb(188, 220, 128) }
```

Background

The CSS property to change the background color of an element to YIQ 199.9440, 10.4600, -35.3960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 220, 128) }
```

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

```
.background{ background-color: rgb(188,  
220, 128) }
```

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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