

Converting Colors

YIQ(197.1430, 0.7350, -7.8170)

Have a look what the booklet for
YIQ(197.1430, 0.7350, -7.8170)
contains.

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Color

**YIQ(197.1430, 0.7350,
-7.8170)**

Conversions

Conversions Part 1

Format	Color
Hex	C1CAB7
RGB	193, 202, 183
RGB Percent	76%, 79%, 72%
CMY	0.2432, 0.2078, 0.2823
CMYK	0.04, 0.00, 0.09, 0.21
HSL	88°, 15%, 75%
HSV	88°, 9%, 79%
XYZ	51.6593, 56.9982, 53.0812
YIQ	197.1430, 0.7350, -7.8170

Conversions

Conversions Part 2

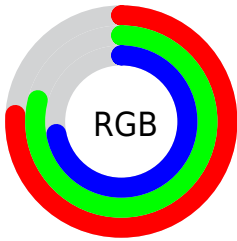
Format	Color
RYB	183, 202, 192
Decimal	12700343
CIELab	80.18, -6.52, 8.42
CIElCh	80, 10.648, 127.755
Yxy	56.9982, 0.3194, 0.3524
Android (android.graphics.Color)	4290890423 (0xFFC1CAB7)
YUV	197.1430, -6.9725, -3.6334
Hunter-Lab	75.4972, -9.9807, 11.1619

Details

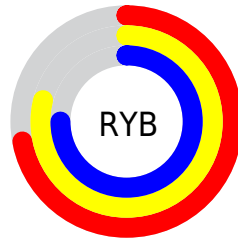
The YIQ color $197.1430, 0.7350, -7.8170$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $187.8570, -0.7350, 7.8170$, and the grayscale version is $197.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $251.3820, 1.5600, -6.2480$, and $143.2570, 0.4140, -7.5060$ is the 20% darker color. If you saturate the color by 10%, you get $191.8730, 1.1950, -16.1570$, and if you desaturate by 10%, it is $202.4130, 0.2750, 0.5230$.

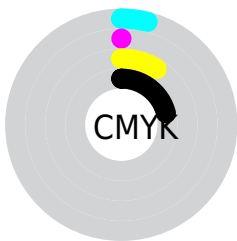
Distribution



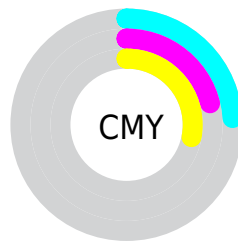
- Red (76%)
- Green (79%)
- Blue (72%)



- Red (72%)
- Yellow (79%)
- Blue (75%)



- Cyan (4%)
- Magenta (0%)
- Yellow (9%)
- Black (21%)



- Cyan (24%)
- Magenta (21%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.1430, 0.7350, -7.8170 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 197.1430, 0.7350, -7.8170 by changing the saturation by 10% instead.

■ 197.1430, 0.7350,
-7.8170

■ 197.1430, 0.7350,
-7.8170

255.0000, -0.0000,
-0.0000

■ 170.1430, 0.7350,
-7.8170

■ 251.3820, 1.5600,
-6.2480

■ 143.2570, 0.4140,
-7.5060

■ 117.6700, 0.6890,
-6.9830

■ 92.7840, 0.3680,
-6.6720

■ 69.7840, 0.3680,
-6.6720

■ 47.1970, 0.6430,
-6.1490

■ 26.1970, 0.6430,

-6.1490

■ 0.5870, -0.2750,
-0.5230

■ 0.0000, 0.0000,
0.0000

■ 197.1430, 0.7350,
-7.8170

■ 197.1430, 0.7350,
-7.8170

■ 191.8730, 1.1950,
-16.1570

■ 202.4130, 0.2750,
0.5230

■ 186.9020, 2.2510,
-24.2850

■ 207.3840, -0.7810,
8.6510

■ 181.5180, 3.0320,
-32.9360

■ 212.7680, -1.5620,
17.3020

■ 176.5470, 4.0880,
-41.0640

■ 216.7130, 0.2710,
22.6310

■ 171.2770, 4.5480,
-49.4040

■ 219.7030, 6.2310,
24.7510

■ 166.0070, 5.0080,
-57.7440

■ 222.3940, 11.5950,
26.6590

■ 161.0360, 6.0640,
-65.8720

■ 223.8890, 14.5750,
27.7190

■ 155.6520, 6.8450,
-74.5230

■ 150.6810, 7.9010,
-82.6510

Harmonies

Analogous

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



198.5140, 9.9960, -4.9480



197.1430, 0.7350, -7.8170



195.9400, -8.9390, -8.7070

Triad

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



197.1430, 0.7350, -7.8170



197.4310, -17.3310, 0.2130



200.9420, 15.0830, 7.4910

Complementary

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



197.1430, 0.7350, -7.8170



187.8570, -0.7350, 7.8170

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.



200.8750, 8.0220, 8.8060



197.1430, 0.7350, -7.8170



199.0730, -10.2710, 4.4250

Square

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



197.1430, 0.7350, -7.8170



196.1270, -19.5310, -3.9710



200.5580, -1.3310, 7.6050



200.3890, 18.0180, 3.8580

Rectangle

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



197.1430, 0.7350, -7.8170



195.8300, -14.4410, -8.1130



200.5580, -1.3310, 7.6050



200.9850, 13.5240, 8.2120

Sweetspot

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



197.1430, 0.7350, -7.8170



252.8920, 0.1840, -3.3360



193.9640, 8.8490, -0.6790



126.4190, 0.1380, -2.5020



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.



197.1430, 0.7350, -7.8170



247.9210, 1.2400, -11.4640



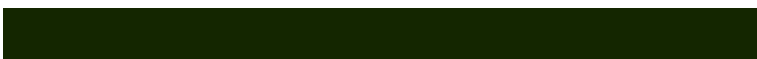
194.4520, -4.6290, -9.7250



99.3650, 0.2300, -4.1700



123.4550, 6.2020, -68.3740



28.2860, 1.4700, -15.6340

Inverse Universe

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



187.8570, -0.7350, 7.8170



234.0790, -1.2400, 11.4640



190.5480, 4.6290, 9.7250



94.6350, -0.2300, 4.1700



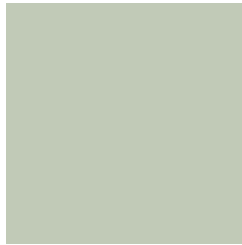
42.5450, -6.2020, 68.3740



9.7140, -1.4700, 15.6340

Previews

White Background



This preview shows how the YIQ color 197.1430, 0.7350, -7.8170 looks on a white background.

Color Contrast Check

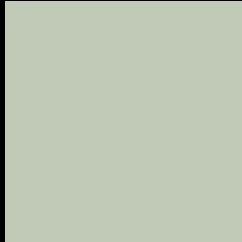
Large Text (above 18pt) WCAG AA × Fail

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 197.1430, 0.7350, -7.8170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

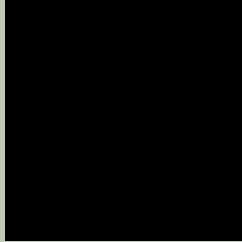
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

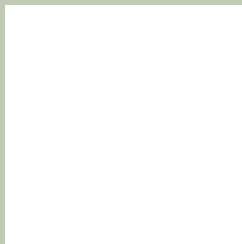
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 197.1430, 0.7350, -7.8170

Background



This preview shows how black text looks on a background with the YIQ color 197.1430, 0.7350, -7.8170.



This preview shows how white text looks on a background with the YIQ color 197.1430, 0.7350,

-7.8170.

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

197.1430, 0.7350, -7.8170

Protanopia

198.4540, 10.2250, -3.5910

Deuteranopia

200.4710, 20.7230, 4.3950



Tritanopia

199.7100, -4.8150, 4.6650

Trichromacy



Original Color

197.1430, 0.7350, -7.8170

Protanomaly

197.6600, 6.6490, -4.8630

Deuteranomaly

199.4160, 13.3880, -0.3400

Tritanomaly

198.4450, -2.7510, 0.2970

Monochromacy



Original Color

197.1430, 0.7350, -7.8170

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

197.3050, 0.4590, -2.8130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.1430, 0.7350, -7.8170 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(193, 202, 183)` looks like.

```
.text, #text, p{  
    color:rgb(193, 202, 183)  
}
```

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(193, 202, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 202, 183) }
```

Border

The CSS property to change the border of an element to YIQ 197.1430, 0.7350, -7.8170 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(193, 202, 183) }
```


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

```
.border{ border-color:rgb(193, 202, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 202, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 202, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 202, 183);  
box-shadow:4px 4px 4px 4px rgb(193, 202,  
183) }
```

Background

The CSS property to change the background color of an element to YIQ 197.1430, 0.7350, -7.8170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 202, 183) }
```

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

```
.background{ background-color: rgb(193,  
202, 183) }
```

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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