

Converting Colors

YIQ(197.2440, 10.4560,
-13.2880)

Have a look what the booklet for
YIQ(197.2440, 10.4560, -13.2880)
contains.

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Color

**YIQ(197.2440, 10.4560,
-13.2880)**

Conversions

Conversions Part 1

Format	Color
Hex	C7CBA3
RGB	199, 203, 163
RGB Percent	78%, 80%, 64%
CMY	0.2196, 0.2039, 0.3607
CMYK	0.02, 0.00, 0.20, 0.20
HSL	66°, 28%, 72%
HSV	66°, 20%, 80%
XYZ	51.5197, 57.4985, 43.0420
YIQ	197.2440, 10.4560, -13.2880

Conversions

Conversions Part 2

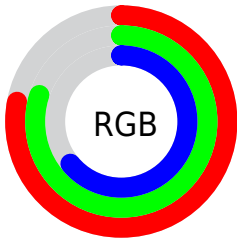
Format	Color
RYB	163, 203, 167
Decimal	13093795
CIELab	80.46, -8.10, 19.53
CIELCh	80, 21.139, 112.521
Yxy	57.4985, 0.3388, 0.3781
Android (android.graphics.Color)	4291283875 (0xFFC7CBA3)
YUV	197.2440, -16.8823, 1.5400
Hunter-Lab	75.8278, -11.4204, 19.4248

Details

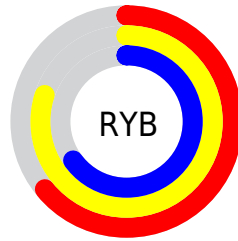
The YIQ color $197.2440, 10.4560, -13.2880$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $168.7560, -10.4560, 13.2880$, and the grayscale version is $197.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $250.7820, 11.8770, -11.5070$, and $143.4720, 9.8140, -12.6660$ is the 20% darker color. If you saturate the color by 10%, you get $194.3660, 15.6840, -19.9320$, and if you desaturate by 10%, it is $200.1220, 5.2280, -6.6440$.

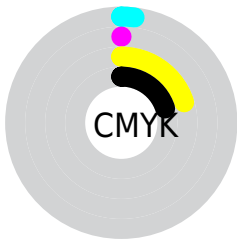
Distribution



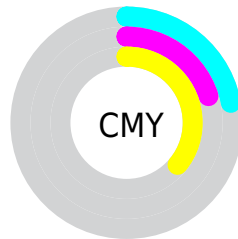
- Red (78%)
- Green (80%)
- Blue (64%)



- Red (64%)
- Yellow (80%)
- Blue (65%)



- Cyan (2%)
- Magenta (0%)
- Yellow (20%)
- Black (20%)



- Cyan (22%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.2440, 10.4560, -13.2880 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 197.2440, 10.4560, -13.2880 by changing the saturation by 10% instead.

■ 197.2440, 10.4560,
-13.2880

■ 197.2440, 10.4560,
-13.2880

255.0000, -0.0000,
-0.0000

■ 170.3580, 10.1350,
-12.9770

■ 250.7820, 11.8770,
-11.5070

■ 143.4720, 9.8140,
-12.6660

■ 254.0880, 2.5680,
-2.4880

■ 117.7000, 9.1720,
-12.0440

■ 92.8140, 8.8510,
-11.7330

■ 69.6290, 7.9340,
-11.6340

■ 46.8570, 7.2920,
-11.0120

■ 26.2700, 7.5670,

-10.4890

■ 1.7610, -0.8250,
-1.5690

■ 0.0000, 0.0000,
0.0000

■ 197.2440, 10.4560,
-13.2880

■ 197.2440, 10.4560,
-13.2880

■ 194.3660, 15.6840,
-19.9320

■ 200.1220, 5.2280,
-6.6440

■ 191.3740, 21.2330,
-26.8870

■ 203.1140, -0.3210,
0.3110

■ 188.4960, 26.4610,
-33.5310

■ 205.9920, -5.5490,
6.9550

■ 185.6180, 31.6890,
-40.1750

■ 208.8700,
-10.7770, 13.5990

■ 182.7400, 36.9170,
-46.8190

■ 210.7220,
-13.1160, 17.4440

■ 179.7480, 42.4660,
-53.7740

■ 211.3200,
-11.9240, 17.8680

■ 176.8700, 47.6940,
-60.4180

■ 211.9180,
-10.7320, 18.2920

■ 173.9920, 52.9220,
-67.0620

■ 212.5160, -9.5400,
18.7160

■ 173.8780, 53.2430,
-67.3730

■ 213.1140, -8.3480,
19.1400

Harmonies

Analogous

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



199.7730, 25.2640, -6.3200



197.2440, 10.4560, -13.2880



194.6700, -8.4790, -17.0470

Triad

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



197.2440, 10.4560, -13.2880



193.4650, -41.0340, -5.2420



203.1160, 23.7010, 16.5090

Complementary

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



197.2440, 10.4560, -13.2880



168.7560, -10.4560, 13.2880

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.



203.1450, 7.5620, 17.1460



197.2440, 10.4560, -13.2880



197.4220, -30.3070, 4.1010

Square

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



197.2440, 10.4560, -13.2880



191.9070, -39.7030, -12.8470



200.8590, -12.2440, 12.6520



202.3310, 33.1010, 11.3490

Rectangle

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



197.2440, 10.4560, -13.2880



193.3250, -20.6290, -17.1170



200.8590, -12.2440, 12.6520



203.3050, 18.7950, 17.3150

Sweetspot

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



197.2440, 10.4560, -13.2880



252.6920, 3.6230, -5.0890



177.3080, 22.7400, 6.3880



126.6750, 2.2930, -3.0110



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.



197.2440, 10.4560, -13.2880



246.2520, 16.0050, -20.2430



191.2640, -1.4640, -17.5280



100.5610, 2.6140, -3.3220



141.9930, 43.1540, -55.2300



32.4720, 9.8140, -12.6660

Inverse Universe

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



168.7560, -10.4560, 13.2880



202.7480, -16.0050, 20.2430



174.7360, 1.4640, 17.5280



93.4390, -2.6140, 3.3220



24.0070, -43.1540, 55.2300



5.5280, -9.8140, 12.6660

Previews

White Background



This preview shows how the YIQ color 197.2440, 10.4560, -13.2880 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 197.2440, 10.4560, -13.2880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

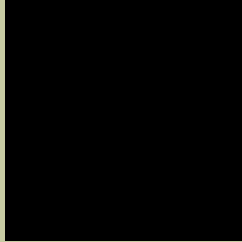
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 197.2440, 10.4560, -13.2880

Background



This preview shows how black text looks on a background with the YIQ color 197.2440, 10.4560, -13.2880.



This preview shows how white text looks on a background with the YIQ color 197.2440, 10.4560,

-13.2880.

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

197.2440, 10.4560, -13.2880

Protanopia

198.5550, 19.9460, -9.0620

Deuteranopia

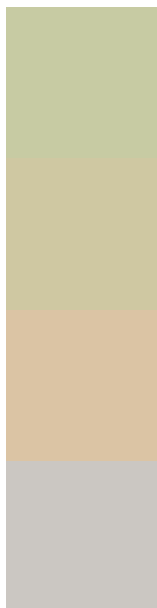
200.5830, 31.9110, -0.1290



Tritanopia

200.8140, 0.8240, 7.0960

Trichromacy



Original Color

197.2440, 10.4560, -13.2880

Protanomaly

197.7610, 16.3700, -10.3340

Deuteranomaly

199.2290, 23.9800, -5.0760

Tritanomaly

199.6260, 3.9890, -0.7070

Monochromacy



Original Color

197.2440, 10.4560, -13.2880

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

197.1050, 3.8980, -4.5660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.2440, 10.4560, -13.2880 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(199, 203, 163)` looks like.

```
.text, #text, p{  
    color:rgb(199, 203, 163)  
}
```

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(199, 203, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 203, 163) }
```

Border

The CSS property to change the border of an element to YIQ 197.2440, 10.4560, -13.2880 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(199, 203, 163) }
```


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

```
.border{ border-color:rgb(199, 203, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 203, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 203, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 203, 163);  
box-shadow:4px 4px 4px 4px rgb(199, 203,  
163) }
```

Background

The CSS property to change the background color of an element to YIQ 197.2440, 10.4560, -13.2880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 203, 163) }
```

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

```
.background{ background-color: rgb(199,  
203, 163) }
```

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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