

Converting Colors

YIQ(198.4630, 23.2010, -7.4790)

Have a look what the booklet for
YIQ(198.4630, 23.2010, -7.4790)
contains.

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Color

**YIQ(198.4630, 23.2010,
-7.4790)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C5A0
RGB	216, 197, 160
RGB Percent	85%, 77%, 63%
CMY	0.1529, 0.2275, 0.3724
CMYK	0.00, 0.09, 0.26, 0.15
HSL	40°, 42%, 74%
HSV	40°, 26%, 85%
XYZ	54.6328, 57.0678, 41.4075
YIQ	198.4630, 23.2010, -7.4790

Conversions

Conversions Part 2

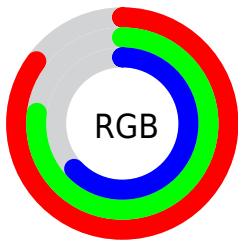
Format	Color
RYB	189, 216, 160
Decimal	14206368
CIELab	80.22, 1.00, 20.99
CIELCh	80, 21.016, 87.284
Yxy	57.0678, 0.3568, 0.3727
Android (android.graphics.Color)	4292396448 (0xFFD8C5A0)
YUV	198.4630, -18.9623, 15.3799
Hunter-Lab	75.5432, -3.1094, 20.3816

Details

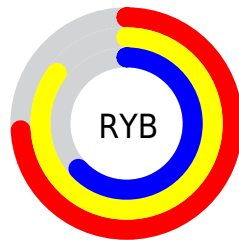
The YIQ color **198.4630, 23.2010, -7.4790** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **177.5370, -23.2010, 7.4790**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **249.8530, 13.1150, -11.9170**, and **144.3920, 21.9630, -7.0690** is the 20% darker color. If you saturate the color by 10%, you get **191.8460, 32.1880, -10.6600**, and if you desaturate by 10%, it is **205.0800, 14.2140, -4.2980**.

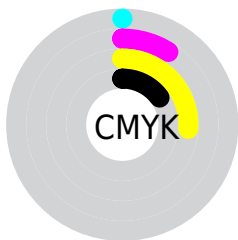
Distribution



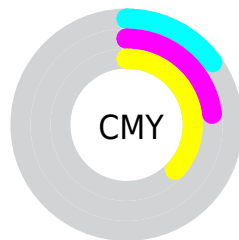
- Red (85%)
- Green (77%)
- Blue (63%)



- Red (74%)
- Yellow (85%)
- Blue (63%)



- Cyan (0%)
- Magenta (9%)
- Yellow (26%)
- Black (15%)



- Cyan (15%)
- Magenta (23%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.4630, 23.2010, -7.4790 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 198.4630, 23.2010, -7.4790 by changing the saturation by 10% instead.

■ 198.4630, 23.2010,
-7.4790

■ 198.4630, 23.2010,
-7.4790

255.0000, -0.0000,
-0.0000

■ 171.2780, 22.2840,
-7.3800

■ 249.8530, 13.1150,
-11.9170

■ 144.3920, 21.9630,
-7.0690

■ 253.6320, 3.8520,
-3.7320

■ 118.9080, 20.4500,
-7.1820

■ 93.7230, 19.5330,
-7.0830

■ 70.2390, 18.0200,
-7.1960

■ 47.1680, 16.7820,
-6.7860

■ 26.9120, 14.6270,

-6.2770

■ 1.1960, 2.3840,
0.8480

■ 0.0000, 0.0000,
0.0000

■ 198.4630, 23.2010,
-7.4790

■ 198.4630, 23.2010,
-7.4790

■ 191.8460, 32.1880,
-10.6600

■ 205.0800, 14.2140,
-4.2980

■ 184.7560, 41.1290,
-13.0070

■ 212.1700, 5.2730,
-1.9510

■ 178.1390, 50.1160,
-16.1880

■ 218.7870, -3.7140,
1.2300

■ 171.6360, 58.7820,
-19.0580

■ 225.2900,
-12.3800, 4.1000

■ 164.4320, 68.0440,
-21.7160

■ 231.0120,
-17.4690, 2.7150

■ 157.8150, 77.0310,
-24.8970

■ 235.1210,
-19.3940, -0.9460

■ 151.3120, 85.6970,
-27.7670

■ 239.2300,
-21.3190, -4.6070

■ 148.5250, 89.4110,
-28.9970

■ 243.3390,
-23.2440, -8.2680

Harmonies

Analogous

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



200.5230, 32.1400, 1.2280



198.4630, 23.2010, -7.4790



196.1620, 7.7510, -13.8250

Triad

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



198.4630, 23.2010, -7.4790



191.5480, -40.0700, -11.7020



202.7000, 10.3130, 16.8490

Complementary

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



198.4630, 23.2010, -7.4790



177.5370, -23.2010, 7.4790

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.



200.9410, -9.5390, 13.1890



198.4630, 23.2010, -7.4790



193.5900, -39.8880, -3.9840

Square

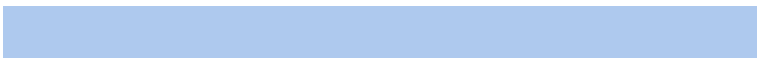
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



198.4630, 23.2010, -7.4790



191.6600, -28.8820, -16.2260



197.1450, -27.9690, 5.7830



202.3720, 25.8560, 16.0000

Rectangle

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



198.4630, 23.2010, -7.4790



194.9370, -4.8570, -16.6090



197.1450, -27.9690, 5.7830



201.8780, 3.9400, 16.7080

Sweetspot

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



198.4630, 23.2010, -7.4790



248.6110, 8.3450, -2.5590



179.0240, 26.9560, 18.0920



123.5830, 5.5480, -1.4280



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.



198.4630, 23.2010, -7.4790



230.1450, 32.7840, -10.4480



207.2240, 13.2080, -19.1120



103.3980, 4.6310, -1.3290



117.4600, 70.8410, -22.8470



29.8800, 17.6530, -6.0510

Inverse Universe

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



177.5370, -23.2010, 7.4790



200.8550, -32.7840, 10.4480



168.7760, -13.2080, 19.1120



99.6020, -4.6310, 1.3290



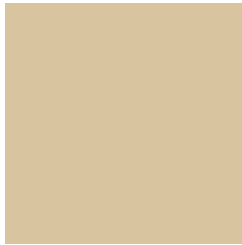
53.5400, -70.8410, 22.8470



13.7070, -17.9280, 5.5280

Previews

White Background



This preview shows how the YIQ color 198.4630, 23.2010, -7.4790 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 198.4630, 23.2010, -7.4790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

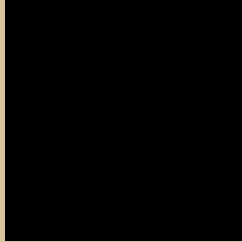
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 198.4630, 23.2010, -7.4790

Background



This preview shows how black text looks on a background with the YIQ color 198.4630, 23.2010, -7.4790.



This preview shows how white text looks on a background with the YIQ color 198.4630, 23.2010,

-7.4790.

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

198.4630, 23.2010, -7.4790

Protanopia

198.2560, 19.3500, -9.2740

Deuteranopia

199.5400, 33.4700, -0.8500



Tritanopia

201.9790, 13.6610, 11.2370

Trichromacy



Original Color

198.4630, 23.2010, -7.4790

Protanomaly

198.2670, 20.8170, -8.3270

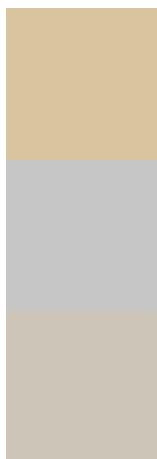
Deuteranomaly

199.2190, 29.9400, -2.9560

Tritanomaly

200.6170, 17.3760, 4.4800

Monochromacy



Original Color

198.4630, 23.2010, -7.4790

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

198.4970, 8.6660, -2.8700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.4630, 23.2010, -7.4790 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(216, 197, 160)` looks like.

```
.text, #text, p{  
    color:rgb(216, 197, 160)  
}
```

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(216, 197, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 197, 160) }
```

Border

The CSS property to change the border of an element to YIQ 198.4630, 23.2010, -7.4790 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(216, 197, 160) }
```


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

```
.border{ border-color:rgb(216, 197, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 197, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 197, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 197, 160);  
box-shadow:4px 4px 4px 4px rgb(216, 197,  
160) }
```

Background

The CSS property to change the background color of an element to YIQ 198.4630, 23.2010, -7.4790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 197, 160) }
```

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

```
.background{ background-color: rgb(216,  
197, 160) }
```

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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