

Converting Colors

YIQ(203.4990, 14.3520, -6.8000)

Have a look what the booklet for
YIQ(203.4990, 14.3520, -6.8000)
contains.

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Color

**YIQ(203.4990, 14.3520,
-6.8000)**

Conversions

Conversions Part 1

Format	Color
Hex	D5CCB0
RGB	213, 204, 176
RGB Percent	84%, 80%, 69%
CMY	0.1647, 0.2000, 0.3097
CMYK	0.00, 0.04, 0.17, 0.16
HSL	45°, 31%, 76%
HSV	45°, 17%, 84%
XYZ	56.8713, 60.4656, 49.7583
YIQ	203.4990, 14.3520, -6.8000

Conversions

Conversions Part 2

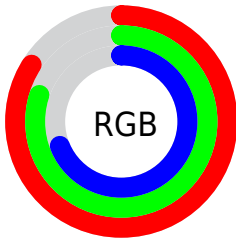
Format	Color
RYB	188, 213, 176
Decimal	14011568
CIELab	82.09, -1.48, 15.07
CIELCh	82, 15.143, 95.590
Yxy	60.4656, 0.3404, 0.3619
Android (android.graphics.Color)	4292201648 (0xFFD5CCB0)
YUV	203.4990, -13.5570, 8.3324
Hunter-Lab	77.7596, -5.5292, 16.4921

Details

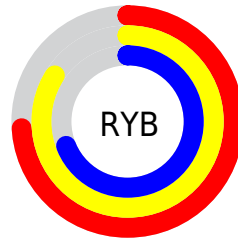
The YIQ color **203.4990, 14.3520, -6.8000** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **185.5010, -14.3520, 6.8000**, and the grayscale version is **204.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **252.3780, 7.3830, -7.1530**, and **149.3140, 13.4350, -6.7010** is the 20% darker color. If you saturate the color by 10%, you get **198.1700, 22.4680, -10.7160**, and if you desaturate by 10%, it is **208.8280, 6.2360, -2.8840**.

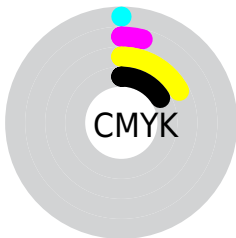
Distribution



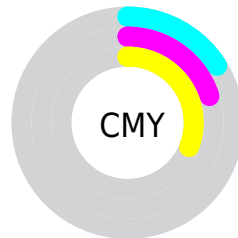
- Red (84%)
- Green (80%)
- Blue (69%)



- Red (74%)
- Yellow (84%)
- Blue (69%)



- Cyan (0%)
- Magenta (4%)
- Yellow (17%)
- Black (16%)





- Cyan (16%)
- Magenta (20%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 203.4990, 14.3520, -6.8000 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 203.4990, 14.3520, -6.8000 by changing the saturation by 10% instead.


 203.4990, 14.3520,
-6.8000


 203.4990, 14.3520,
-6.8000


255.0000, -0.0000,
-0.0000


 176.2000, 13.7560,
-7.0120


 252.3780, 7.3830,
-7.1530

 149.3140, 13.4350,
-6.7010

 123.4280, 13.1140,
-6.3900

 98.3570, 11.8760,
-5.9800

 74.4710, 11.5550,
-5.6690

 51.8730, 10.3630,
-6.0930

 30.6450, 11.0050,

-6.7150

■ 7.0880, 2.5680,
-2.4880

■ 0.0000, 0.0000,
0.0000

■ 203.4990, 14.3520,
-6.8000

■ 203.4990, 14.3520,
-6.8000

■ 198.1700, 22.4680,
-10.7160

■ 208.8280, 6.2360,
-2.8840

■ 192.7270, 30.9050,
-14.9430

■ 214.2710, -2.2010,
1.3430

■ 186.8110, 39.2960,
-18.3360

■ 220.1870,
-10.5920, 4.7360

■ 181.4820, 47.4120,
-22.2520

■ 224.8320,
-16.7820, 6.7860

■ 176.1530, 55.5280,
-26.1680

■ 227.7670,
-18.1570, 4.1710

■ 170.7100, 63.9650,
-30.3950

■ 230.7020,
-19.5320, 1.5560

■ 165.3810, 72.0810,
-34.3110

■ 233.6370,
-20.9070, -1.0590

■ 160.0520, 80.1970,
-38.2270

■ 236.5720,
-22.2820, -3.6740

■ 158.1940, 82.6730,
-39.0470

■ 240.0940,
-23.9320, -6.8120

Harmonies

Analogous

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



204.7930, 22.5120, -0.4960



203.4990, 14.3520, -6.8000



201.6330, 2.1110, -10.7290

Triad

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



203.4990, 14.3520, -6.8000



199.7560, -28.7920, -6.8400



206.9510, 10.8640, 12.3680

Complementary

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



203.4990, 14.3520, -6.8000



185.5010, -14.3520, 6.8000

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.



206.0680, -2.7070, 10.5170



203.4990, 14.3520, -6.8000



201.5270, -26.4090, -0.4650

Square

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



203.4990, 14.3520, -6.8000



199.3450, -23.3810, -11.2930



203.6040, -16.1400, 6.1640



206.8720, 21.2720, 10.9680

Rectangle

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



203.4990, 14.3520, -6.8000



200.9030, -7.5170, -12.4530



203.6040, -16.1400, 6.1640



206.7980, 6.9210, 12.2410

Sweetspot

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



203.4990, 14.3520, -6.8000



251.7570, 4.9980, -2.4740



188.0890, 19.1630, 10.6430



125.9140, 3.1180, -1.4420



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.



203.4990, 14.3520, -6.8000



241.2130, 20.9090, -9.9950



206.0910, 6.5130, -13.4150



103.9850, 4.3560, -1.8520



126.8520, 66.4410, -31.2150



32.2280, 16.5530, -8.1430

Inverse Universe

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



185.5010, -14.3520, 6.8000



214.7870, -20.9090, 9.9950



182.9090, -6.5130, 13.4150



99.0150, -4.3560, 1.8520



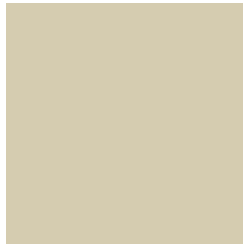
44.1480, -66.4410, 31.2150



11.3590, -16.8280, 7.6200

Previews

White Background



This preview shows how the YIQ color 203.4990, 14.3520, -6.8000 looks on a white background.

Color Contrast Check

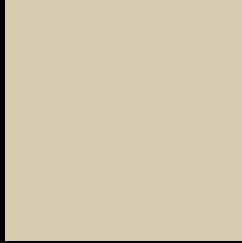
Large Text (above 18pt) WCAG AA × Fail

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 203.4990, 14.3520, -6.8000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

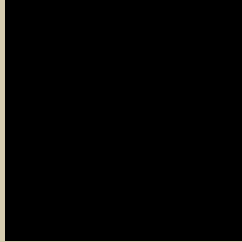
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

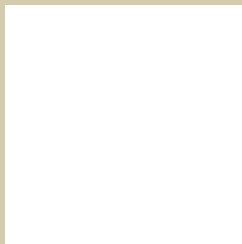
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 203.4990, 14.3520, -6.8000

Background



This preview shows how black text looks on a background with the YIQ color 203.4990, 14.3520, -6.8000.



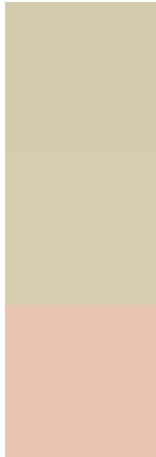
This preview shows how white text looks on a background with the YIQ color 203.4990, 14.3520,

-6.8000.

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

203.4990, 14.3520, -6.8000

Protanopia

203.7980, 14.9480, -6.5880

Deuteranopia

205.4840, 27.8760, 1.4120



Tritanopia

206.3910, 6.5090, 8.6930

Trichromacy



Original Color

203.4990, 14.3520, -6.8000

Protanomaly

203.7980, 14.9480, -6.5880

Deuteranomaly

205.1520, 22.8790, -1.6410

Tritanomaly

205.3710, 9.2610, 2.8690

Monochromacy



Original Color

203.4990, 14.3520, -6.8000

Achromatopsia

203.0000, 0.0000, -0.0000

Achromatomaly

203.0560, 5.5940, -2.2620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.4990, 14.3520, -6.8000 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(213, 204, 176)` looks like.

```
.text, #text, p{  
    color:rgb(213, 204, 176)  
}
```

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(213, 204, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 204, 176) }
```

Border

The CSS property to change the border of an element to YIQ 203.4990, 14.3520, -6.8000 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(213, 204, 176) }
```


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

```
.border{ border-color:rgb(213, 204, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 204, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 204, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 204, 176); box-shadow:4px 4px 4px 4px rgb(213, 204, 176) }
```

Background

The CSS property to change the background color of an element to YIQ 203.4990, 14.3520, -6.8000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 204, 176) }
```

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

```
.background{ background-color: rgb(213,  
204, 176) }
```

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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