

Converting Colors

YIQ(203.4990, 5.1840, -16.8640)

Have a look what the booklet for
YIQ(203.4990, 5.1840, -16.8640)
contains.

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Color

**YIQ(203.4990, 5.1840,
-16.8640)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D5A9
RGB	198, 213, 169
RGB Percent	78%, 84%, 66%
CMY	0.2236, 0.1647, 0.3372
CMYK	0.07, 0.00, 0.21, 0.16
HSL	80°, 34%, 75%
HSV	80°, 21%, 84%
XYZ	54.2430, 62.4603, 46.7401
YIQ	203.4990, 5.1840, -16.8640

Conversions

Conversions Part 2

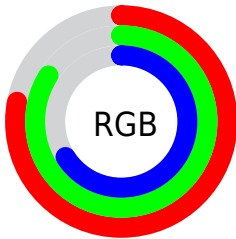
Format	Color
RYB	169, 213, 184
Decimal	13030825
CIELab	83.16, -12.67, 20.09
CIElCh	83, 23.750, 122.233
Yxy	62.4603, 0.3319, 0.3822
Android (android.graphics.Color)	4291220905 (0xFFC6D5A9)
YUV	203.4990, -17.0080, -4.8226
Hunter-Lab	79.0318, -15.7933, 20.2577

Details

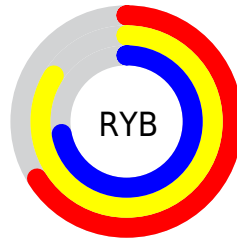
The YIQ color $203.4990, 5.1840, -16.8640$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $178.5010, -5.1840, 16.8640$, and the grayscale version is $204.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $251.4660, 9.9510, -9.6410$, and $149.1400, 4.8170, -15.7190$ is the 20% darker color. If you saturate the color by 10%, you get $199.0120, 7.7530, -24.8790$, and if you desaturate by 10%, it is $207.9860, 2.6150, -8.8490$.

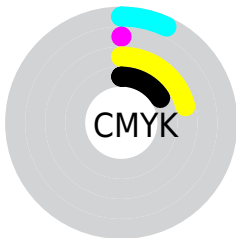
Distribution



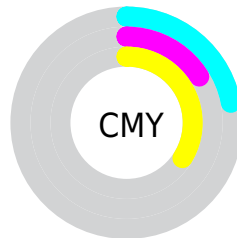
- Red (78%)
- Green (84%)
- Blue (66%)



- Red (66%)
- Yellow (84%)
- Blue (72%)



- Cyan (7%)
- Magenta (0%)
- Yellow (21%)
- Black (16%)



- Cyan (22%)
- Magenta (16%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 203.4990, 5.1840, -16.8640 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, 5.1840, -16.8640 by changing the saturation by 10% instead.

■ 203.4990, 5.1840,
-16.8640

■ 203.4990, 5.1840,
-16.8640

■ 255.0000, -0.0000,
-0.0000

■ 175.9120, 5.4590,
-16.3410

■ 251.4660, 9.9510,
-9.6410

■ 149.1400, 4.8170,
-15.7190

■ 254.7720, 0.6420,
-0.6220

■ 123.2540, 4.4960,
-15.4080

■ 98.3680, 4.1750,
-15.0970

■ 74.4820, 3.8540,
-14.7860

■ 51.7100, 3.2120,
-14.1640

■ 30.0800, 5.0460,

-14.3620

■ 11.1530, -5.2250,
-9.9370

■ 0.0000, 0.0000,
0.0000

■ 203.4990, 5.1840,
-16.8640

■ 203.4990, 5.1840,
-16.8640

■ 199.0120, 7.7530,
-24.8790

■ 207.9860, 2.6150,
-8.8490

■ 194.1120, 10.0470,
-33.4170

■ 212.8860, 0.3210,
-0.3110

■ 189.6250, 12.6160,
-41.4320

■ 217.3730, -2.2480,
7.7040

■ 185.1380, 15.1850,
-49.4470

■ 221.8600, -4.8170,
15.7190

■ 180.6510, 17.7540,
-57.4620

■ 224.0670, -0.9660,
17.5140

■ 175.7510, 20.0480,
-66.0000

■ 226.4590, 3.8020,
19.2100

■ 171.2640, 22.6170,
-74.0150

■ 228.5520, 7.9740,
20.6940

■ 166.8910, 24.8650,
-81.7190

■ 230.3460, 11.5500,
21.9660

Harmonies

Analogous

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



206.1810, 23.9350, -9.7690



203.4990, 5.1840, -16.8640



200.8970, -16.5480, -19.4920

Triad

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



203.4990, 5.1840, -16.8640



201.1920, -44.5190, -2.6550



210.6500, 30.9450, 17.3850

Complementary

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



203.4990, 5.1840, -16.8640



178.5010, -5.1840, 16.8640

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.



211.0320, 15.3100, 19.9020



203.4990, 5.1840, -16.8640



206.0140, -28.9780, 7.5500

Square

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



203.4990, 5.1840, -16.8640



198.1280, -47.6350, -12.2670



209.6040, -6.9720, 16.2280



209.9140, 38.6490, 9.9210

Rectangle

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



203.4990, 5.1840, -16.8640



199.1820, -30.5320, -19.3640



209.6040, -6.9720, 16.2280



211.2520, 26.3140, 18.7140

Sweetspot

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



203.4990, 5.1840, -16.8640



251.7950, 1.8350, -5.7250



190.9610, 22.0990, 1.4830



125.7780, 0.5050, -3.6470



0.0000, 0.0000, 0.0000



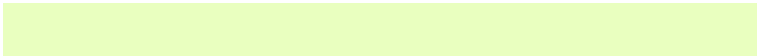
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



203.4990, 5.1840, -16.8640



241.1260, 7.4320, -24.5680



196.9210, -7.9280, -21.5280



104.5500, 1.1470, -4.2690



133.8650, 19.7270, -65.6890



33.9120, 5.4590, -16.3410

Inverse Universe

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



178.5010, -5.1840, 16.8640



204.8740, -7.4320, 24.5680



185.0790, 7.9280, 21.5280



98.4500, -1.1470, 4.2690



36.8360, -20.3230, 65.4770



9.3870, -4.8630, 16.5530

Previews

White Background



This preview shows how the YIQ color 203.4990, 5.1840, -16.8640 looks on a white background.

Color Contrast Check

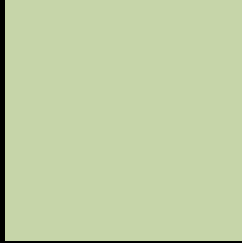
Large Text (above 18pt) WCAG AA × Fail

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, 5.1840, -16.8640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

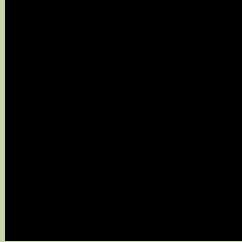
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 203.4990, 5.1840, -16.8640

Background



This preview shows how black text looks on a background with the YIQ color 203.4990, 5.1840, -16.8640.



This preview shows how white text looks on a background with the YIQ color 203.4990, 5.1840, -16.8640.

-16.8640.

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, 5.1840, -16.8640

Protanopia

205.6260, 21.1840, -9.4720

Deuteranopia

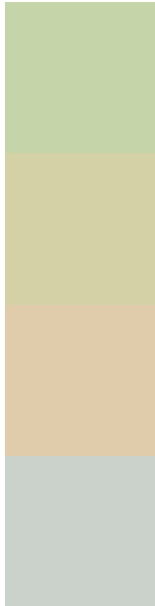
207.8820, 32.5070, 0.0830



Tritanopia

207.8240, -5.1360, 4.9760

Trichromacy



Original Color

203.4990, 5.1840, -16.8640

Protanomaly

205.1090, 15.2700, -12.4260

Deuteranomaly

206.2180, 22.5130, -6.0230

Tritanomaly

206.5220, -1.6500, -3.1380

Monochromacy



Original Color

203.4990, 5.1840, -16.8640

Achromatopsia

203.0000, 0.0000, -0.0000

Achromatomaly

203.3820, 1.5600, -6.2480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.4990, 5.1840, -16.8640 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(198, 213, 169)` looks like.

```
.text, #text, p{  
    color:rgb(198, 213, 169)  
}
```

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(198, 213, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 213, 169) }
```

Border

The CSS property to change the border of an element to YIQ 203.4990, 5.1840, -16.8640 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(198, 213, 169) }
```


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

```
.border{ border-color:rgb(198, 213, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 213, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 213, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 213, 169);  
box-shadow:4px 4px 4px 4px rgb(198, 213,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 203.4990, 5.1840, -16.8640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 213, 169) }
```

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

```
.background{ background-color: rgb(198,  
213, 169) }
```

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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