

Converting Colors

YIQ(184.6410, 16.8280, -7.6200)

Have a look what the booklet for
YIQ(184.6410, 16.8280, -7.6200)
contains.

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Color

**YIQ(184.6410, 16.8280,
-7.6200)**

Conversions

Conversions Part 1

Format	Color
Hex	C4B999
RGB	196, 185, 153
RGB Percent	77%, 73%, 60%
CMY	0.2314, 0.2745, 0.3999
CMYK	0.00, 0.06, 0.22, 0.23
HSL	45°, 27%, 68%
HSV	45°, 22%, 77%
XYZ	45.8650, 48.7326, 37.1361
YIQ	184.6410, 16.8280, -7.6200

Conversions

Conversions Part 2

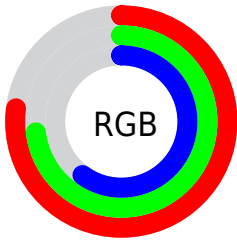
Format	Color
RYB	168, 196, 153
Decimal	12892569
CIELab	75.28, -1.29, 17.65
CIElCh	75, 17.698, 94.178
Yxy	48.7326, 0.3482, 0.3699
Android (android.graphics.Color)	4291082649 (0xFFC4B999)
YUV	184.6410, -15.5990, 9.9618
Hunter-Lab	69.8087, -4.8890, 17.3257

Details

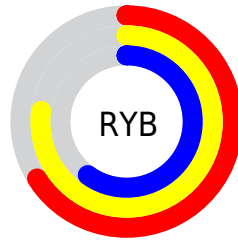
The YIQ color **184.6410, 16.8280, -7.6200** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **164.3590, -16.8280, 7.6200**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **240.7120, 18.0660, -8.0300**, and **131.5700, 15.5900, -7.2100** is the 20% darker color. If you saturate the color by 10%, you get **179.4260, 24.6230, -11.2250**, and if you desaturate by 10%, it is **189.8560, 9.0330, -4.0150**.

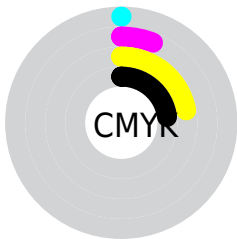
Distribution



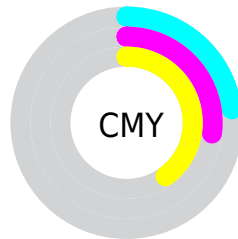
- Red (77%)
- Green (73%)
- Blue (60%)



- Red (66%)
- Yellow (77%)
- Blue (60%)



- Cyan (0%)
- Magenta (6%)
- Yellow (22%)
- Black (23%)



- Cyan (23%)
- Magenta (27%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 184.6410, 16.8280, -7.6200 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 184.6410, 16.8280, -7.6200 by changing the saturation by 10% instead.

■ 184.6410, 16.8280,
-7.6200

■ 184.6410, 16.8280,
-7.6200

255.0000, -0.0000,
-0.0000

■ 157.7550, 16.5070,
-7.3090

■ 240.7120, 18.0660,
-8.0300

■ 131.5700, 15.5900,
-7.2100

■ 252.8340, 6.0990,
-5.9090

■ 106.3850, 14.6730,
-7.1110

■ 82.2000, 13.7560,
-7.0120

■ 59.0150, 12.8390,
-6.9130

■ 36.7160, 12.2430,
-7.1250

■ 17.1440, 8.1620,

-4.7500

■ 0.0000, 0.0000,
0.0000

■ 184.6410, 16.8280,
-7.6200

■ 184.6410, 16.8280,
-7.6200

■ 179.4260, 24.6230,
-11.2250

■ 189.8560, 9.0330,
-4.0150

■ 174.3250, 32.0970,
-14.5190

■ 194.9570, 1.5590,
-0.7210

■ 169.1100, 39.8920,
-18.1240

■ 200.1720, -6.2360,
2.8840

■ 164.0090, 47.3660,
-21.4180

■ 205.2730,
-13.7100, 6.1780

■ 158.7940, 55.1610,
-25.0230

■ 210.4880,
-21.5050, 9.7830

■ 153.5790, 62.9560,
-28.6280

■ 213.8790,
-24.1640, 8.4120

■ 148.4780, 70.4300,
-31.9220

■ 216.8140,
-25.5390, 5.7970

■ 144.3060, 76.6660,
-34.8060

■ 219.7490,
-26.9140, 3.1820

■ 222.6840,
-28.2890, 0.5670

Harmonies

Analogous

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



186.6470, 25.8590, -0.5810



184.6410, 16.8280, -7.6200



182.7640, 3.1200, -12.4960

Triad

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



184.6410, 16.8280, -7.6200



179.4780, -33.8810, -8.2250



188.6030, 11.9640, 14.4600

Complementary

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



184.6410, 16.8280, -7.6200



164.3590, -16.8280, 7.6200

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.



186.9370, -3.7160, 12.2840



184.6410, 16.8280, -7.6200



181.9610, -30.6270, -1.1150

Square

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



184.6410, 16.8280, -7.6200



179.4370, -26.6360, -12.8760



184.8640, -19.8080, 6.5600



188.5950, 23.6100, 12.6500

Rectangle

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



184.6410, 16.8280, -7.6200



181.5500, -8.0210, -14.3330



184.8640, -19.8080, 6.5600



188.2650, 7.1040, 14.4320

Sweetspot

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



184.6410, 16.8280, -7.6200



250.0130, 7.1530, -2.9830



167.1110, 22.0970, 12.5370



124.9850, 4.3560, -1.8520



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.



184.6410, 16.8280, -7.6200



237.4970, 25.8610, -11.6350



188.1080, 7.8430, -15.4930



94.0990, 4.0350, -1.5410



118.5790, 62.9560, -28.6280



24.5420, 12.7930, -6.0790

Inverse Universe

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



164.3590, -16.8280, 7.6200



206.5030, -25.8610, 11.6350



160.8920, -7.8430, 15.4930



89.9010, -4.0350, 1.5410



42.4210, -62.9560, 28.6280



8.4580, -12.7930, 6.0790

Previews

White Background



This preview shows how the YIQ color 184.6410, 16.8280, -7.6200 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 184.6410, 16.8280, -7.6200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

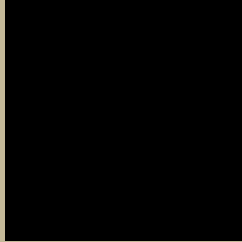
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 184.6410, 16.8280, -7.6200

Background



This preview shows how black text looks on a background with the YIQ color 184.6410, 16.8280, -7.6200.



This preview shows how white text looks on a background with the YIQ color 184.6410, 16.8280, -7.6200.

-7.6200.

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

184.6410, 16.8280, -7.6200

Protanopia

184.6410, 16.8280, -7.6200

Deuteranopia

186.0280, 29.1600, 0.1680



Tritanopia

187.1740, 8.6180, 9.0180

Trichromacy



Original Color

184.6410, 16.8280, -7.6200

Protanomaly

184.6410, 16.8280, -7.6200

Deuteranomaly

185.6960, 24.1630, -2.8850

Tritanomaly

186.0400, 11.6910, 2.8830

Monochromacy



Original Color

184.6410, 16.8280, -7.6200

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

184.8280, 6.2360, -2.8840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.6410, 16.8280, -7.6200 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(196, 185, 153)` looks like.

```
.text, #text, p{  
    color:rgb(196, 185, 153)  
}
```

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(196, 185, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 185, 153) }
```

Border

The CSS property to change the border of an element to YIQ 184.6410, 16.8280, -7.6200 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(196, 185, 153) }
```


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

```
.border{ border-color:rgb(196, 185, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 185, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 185, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 185, 153);  
box-shadow:4px 4px 4px 4px rgb(196, 185,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 184.6410, 16.8280, -7.6200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 185, 153) }
```

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

```
.background{ background-color: rgb(196,  
185, 153) }
```

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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