

Converting Colors

YIQ(200.6700, 0.6890, -6.9830)

Have a look what the booklet for
YIQ(200.6700, 0.6890, -6.9830)
contains.

YIQ(200.6700, 0.6890, -6.9830)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(200.6700, 0.6890,
-6.9830)**

Conversions

Conversions Part 1

Format	Color
Hex	C5CDBC
RGB	197, 205, 188
RGB Percent	77%, 80%, 74%
CMY	0.2275, 0.1960, 0.2627
CMYK	0.04, 0.00, 0.08, 0.20
HSL	88°, 15%, 77%
HSV	88°, 8%, 80%
XYZ	53.9336, 59.1645, 56.1565
YIQ	200.6700, 0.6890, -6.9830

Conversions

Conversions Part 2

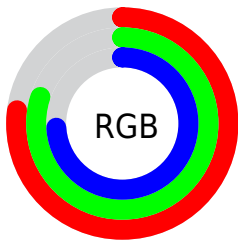
Format	Color
RYB	188, 205, 196
Decimal	12963260
CIELab	81.38, -5.80, 7.51
CIELCh	81, 9.491, 127.696
Yxy	59.1645, 0.3187, 0.3496
Android (android.graphics.Color)	4291153340 (0xFFC5CDBC)
YUV	200.6700, -6.2463, -3.2186
Hunter-Lab	76.9185, -9.4469, 10.5566

Details

The YIQ color $200.6700, 0.6890, -6.9830$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $192.3300, -0.6890, 6.9830$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.4470, 2.9350, -3.6330$, and $146.7840, 0.3680, -6.6720$ is the 20% darker color. If you saturate the color by 10%, you get $195.4000, 1.1490, -15.3230$, and if you desaturate by 10%, it is $206.0540, -0.0920, 1.6680$.

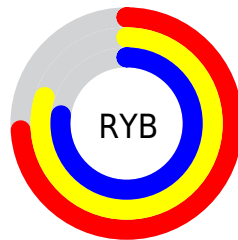
Distribution



Red (77%)

Green (80%)

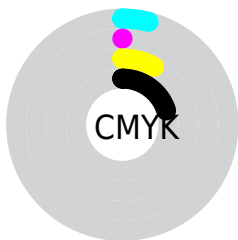
Blue (74%)



Red (74%)

Yellow (80%)

Blue (77%)

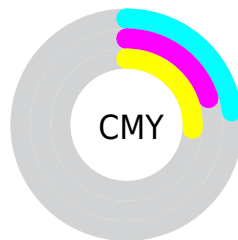


Cyan (4%)

Magenta (0%)

Yellow (8%)

Black (20%)



Cyan (23%)


Magenta (20%)


Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.6700, 0.6890, -6.9830 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 200.6700, 0.6890, -6.9830 by changing the saturation by 10% instead.

 200.6700, 0.6890,
-6.9830


 200.6700, 0.6890,
-6.9830


255.0000, -0.0000,
-0.0000


 173.6700, 0.6890,
-6.9830


 253.4470, 2.9350,
-3.6330

 146.7840, 0.3680,
-6.6720

 121.0830, 0.9640,
-6.4600

 96.1970, 0.6430,
-6.1490

 72.3110, 0.3220,
-5.8380

 49.7240, 0.5970,
-5.3150

 28.8380, 0.2760,

-5.0040

■ 5.2830, -2.4750,
-4.7070

■ 0.0000, 0.0000,
0.0000

■ 200.6700, 0.6890,
-6.9830

■ 200.6700, 0.6890,
-6.9830

■ 195.4000, 1.1490,
-15.3230

■ 206.0540, -0.0920,
1.6680

■ 190.3150, 2.5260,
-23.7620

■ 211.0250, -1.1480,
9.7960

■ 185.0450, 2.9860,
-32.1020

■ 216.4090, -1.9290,
18.4470

■ 179.6610, 3.7670,
-40.7530

■ 219.9690, 2.4260,
22.1220

■ 174.6900, 4.8230,
-48.8810

■ 222.6600, 7.7900,
24.0300

■ 169.3060, 5.6040,
-57.5320

■ 225.6500, 13.7500,
26.1500

■ 163.9220, 6.3850,
-66.1830

■ 158.9510, 7.4410,
-74.3110

■ 153.5670, 8.2220,
-82.9620

Harmonies

Analogous

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



201.5570, 8.4370, -4.2270



200.6700, 0.6890, -6.9830



199.6520, -8.0680, -7.9720

Triad

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



200.6700, 0.6890, -6.9830



200.8010, -15.4970, 0.0150



203.9310, 13.6160, 6.5440

Complementary

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



200.6700, 0.6890, -6.9830



192.3300, -0.6890, 6.9830

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.



204.0490, 7.4720, 7.7600



200.6700, 0.6890, -6.9830



202.2580, -9.3540, 4.3260

Square

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



200.6700, 0.6890, -6.9830



199.9100, -17.4220, -3.6460



203.3300, -0.6890, 6.9830



203.6060, 15.9090, 3.5330

Rectangle

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



200.6700, 0.6890, -6.9830



199.7270, -12.6530, -7.4770



203.3300, -0.6890, 6.9830



203.9740, 12.0570, 7.2650

Sweetspot

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



200.6700, 0.6890, -6.9830



253.8320, 0.4130, -1.9790



197.7790, 7.9320, -0.5800



127.0600, -0.2290, -1.3570



0.0000, 0.0000, 0.0000



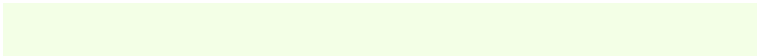
128.0000, -0.0000, -0.0000

Same Dimension

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



200.6700, 0.6890, -6.9830



248.5620, 0.8730, -10.3190



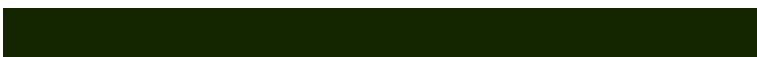
198.2780, -4.0790, -8.6790



99.3650, 0.2300, -4.1700



123.7540, 6.7980, -68.1620



28.2860, 1.4700, -15.6340

Inverse Universe

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



192.3300, -0.6890, 6.9830



236.4380, -0.8730, 10.3190



194.7220, 4.0790, 8.6790



94.6350, -0.2300, 4.1700



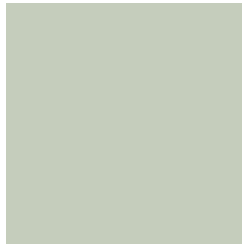
42.2460, -6.7980, 68.1620



9.7140, -1.4700, 15.6340

Previews

White Background



This preview shows how the YIQ color 200.6700, 0.6890, -6.9830 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 200.6700, 0.6890, -6.9830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

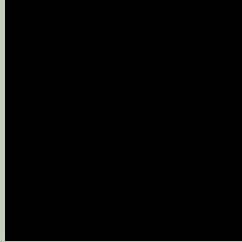
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

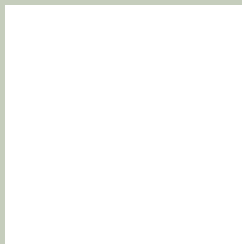
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 200.6700, 0.6890, -6.9830

Background



This preview shows how black text looks on a background with the YIQ color 200.6700, 0.6890, -6.9830.



This preview shows how white text looks on a background with the YIQ color 200.6700, 0.6890,

-6.9830.

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

200.6700, 0.6890, -6.9830

Protanopia

201.6820, 9.5830, -2.9690

Deuteranopia

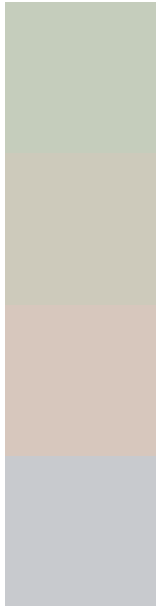
203.6990, 20.0810, 5.0170



Tritanopia

202.8240, -5.1360, 4.9760

Trichromacy



Original Color

200.6700, 0.6890, -6.9830

Protanomaly

201.1870, 6.6030, -4.0290

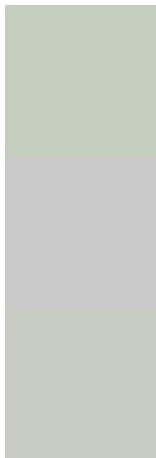
Deuteranomaly

202.6440, 12.7460, 0.2820

Tritanomaly

201.8580, -2.4760, 0.8200

Monochromacy



Original Color

200.6700, 0.6890, -6.9830

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

200.7180, 0.7340, -2.2900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.6700, 0.6890, -6.9830 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(197, 205, 188)` looks like.

```
.text, #text, p{  
    color:rgb(197, 205, 188)  
}
```

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(197, 205, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 205, 188) }
```

Border

The CSS property to change the border of an element to YIQ 200.6700, 0.6890, -6.9830 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(197, 205, 188) }
```


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

```
.border{ border-color:rgb(197, 205, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 205, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 205, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 205, 188);  
box-shadow:4px 4px 4px 4px rgb(197, 205,  
188) }
```

Background

The CSS property to change the background color of an element to YIQ 200.6700, 0.6890, -6.9830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 205, 188) }
```

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

```
.background{ background-color: rgb(197,  
205, 188) }
```

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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