

Converting Colors

YIQ(189.9530, 7.3820, -1.6260)

Have a look what the booklet for
YIQ(189.9530, 7.3820, -1.6260)
contains.

YIQ(189.9530, 7.3820, -1.6260)	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(189.9530, 7.3820,
-1.6260)**

Conversions

Conversions Part 1

Format	Color
Hex	C4BDB3
RGB	196, 189, 179
RGB Percent	77%, 74%, 70%
CMY	0.2314, 0.2588, 0.2980
CMYK	0.00, 0.04, 0.09, 0.23
HSL	35°, 13%, 74%
HSV	35°, 9%, 77%
XYZ	49.1002, 51.3851, 49.9833
YIQ	189.9530, 7.3820, -1.6260

Conversions

Conversions Part 2

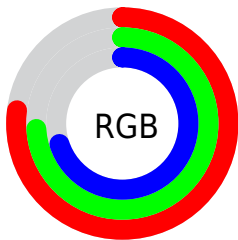
Format	Color
RYB	191, 196, 179
Decimal	12893619
CIELab	76.91, 0.71, 5.91
CIELCh	77, 5.952, 83.148
Yxy	51.3851, 0.3263, 0.3415
Android (android.graphics.Color)	4291083699 (0xFFC4BDB3)
YUV	189.9530, -5.3998, 5.3032
Hunter-Lab	71.6834, -3.1806, 8.8367

Details

The YIQ color **189.9530, 7.3820, -1.6260** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **185.0470, -7.3820, 1.6260**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **246.2520, 7.9780, -1.4140**, and **136.6540, 6.7860, -1.8380** is the 20% darker color. If you saturate the color by 10%, you get **182.9770, 16.0020, -3.6620**, and if you desaturate by 10%, it is **196.9290, -1.2380, 0.4100**.

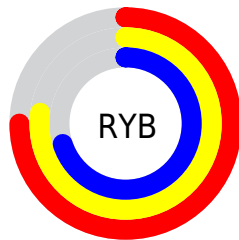
Distribution



Red (77%)

Green (74%)

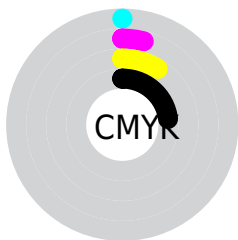
Blue (70%)



Red (75%)

Yellow (77%)

Blue (70%)

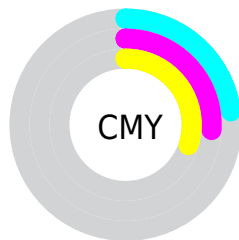


Cyan (0%)

Magenta (4%)

Yellow (9%)

Black (23%)



Cyan (23%)

Magenta (26%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.9530, 7.3820, -1.6260 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 189.9530, 7.3820, -1.6260 by changing the saturation by 10% instead.

■ 189.9530, 7.3820,
-1.6260

■ 189.9530, 7.3820,
-1.6260

255.0000, -0.0000,
-0.0000

■ 162.9530, 7.3820,
-1.6260

■ 246.2520, 7.9780,
-1.4140

■ 136.6540, 6.7860,
-1.8380

■ 111.0670, 7.0610,
-1.3150

■ 86.7680, 6.4650,
-1.5270

■ 63.5830, 5.5480,
-1.4280

■ 41.5830, 5.5480,
-1.4280

■ 21.3550, 6.1900,

-2.0500

■ 0.0000, 0.0000,
0.0000

■ 189.9530, 7.3820,
-1.6260

■ 189.9530, 7.3820,
-1.6260

■ 182.9770, 16.0020,
-3.6620

■ 196.9290, -1.2380,
0.4100

■ 176.1150, 24.3010,
-5.3870

■ 203.7910, -9.5370,
2.1350

■ 169.1390, 32.9210,
-7.4230

■ 210.7670,
-18.1570, 4.1710

■ 162.2770, 41.2200,
-9.1480

■ 217.4010,
-25.8140, 5.2740

■ 155.3010, 49.8400,
-11.1840

■ 222.0970,
-28.0140, 1.0900

■ 148.3250, 58.4600,
-13.2200

■ 226.7930,
-30.2140, -3.0940

■ 140.8760, 67.0340,
-14.4220

■ 232.0760,
-32.6890, -7.8010

■ 133.9000, 75.6540,
-16.4580

■ 236.7720,
-34.8890, -11.9850

■ 127.0380, 83.9530,
-18.1830

■ 237.3590,
-35.1640, -12.5080

Harmonies

Analogous

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



190.2030, 9.6740, 0.8900



189.9530, 7.3820, -1.6260



189.4470, 2.9350, -3.6330

Triad

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



189.9530, 7.3820, -1.6260



188.3300, -9.8570, -3.0810



190.8310, 2.1540, 5.0180

Complementary

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



189.9530, 7.3820, -1.6260



185.0470, -7.3820, 1.6260

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.



190.5530, -2.9350, 3.6330



189.9530, 7.3820, -1.6260



188.4980, -10.2700, -1.1020

Square

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



189.9530, 7.3820, -1.6260



188.2440, -6.7390, -4.5230



189.7480, -7.9780, 1.4140



191.0550, 7.3350, 4.7350

Rectangle

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



189.9530, 7.3820, -1.6260



189.0660, -0.3660, -4.3820



189.7480, -7.9780, 1.4140



190.9340, 0.3660, 4.3820

Sweetspot

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



189.9530, 7.3820, -1.6260



252.3270, 3.3930, -0.9190



184.8810, 7.8850, 5.7810



125.5550, 2.7510, -0.2970



0.0000, 0.0000, 0.0000



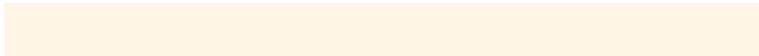
128.0000, -0.0000, -0.0000

Same Dimension

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



189.9530, 7.3820, -1.6260



245.6930, 11.0500, -2.0220



193.7630, 4.8610, -5.4990



93.5120, 4.3100, -1.0180



103.3170, 70.1060, -15.0300



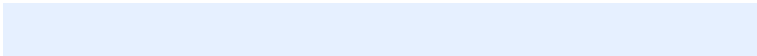
21.0200, 14.4430, -2.9410

Inverse Universe

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



185.0470, -7.3820, 1.6260



238.7200, -10.7750, 2.5450



181.2370, -4.8610, 5.4990



90.4880, -4.3100, 1.0180



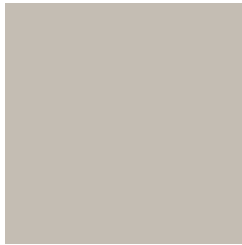
57.0960, -69.8310, 15.5530



11.9800, -14.4430, 2.9410

Previews

White Background



This preview shows how the YIQ color 189.9530, 7.3820, -1.6260 looks on a white background.

Color Contrast Check

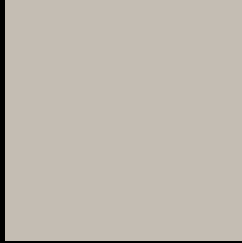
Large Text (above 18pt) WCAG AA × Fail

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 189.9530, 7.3820, -1.6260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

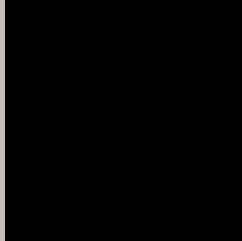
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

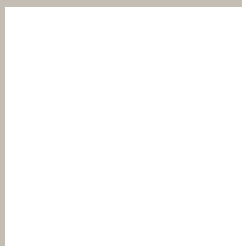
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 189.9530, 7.3820, -1.6260

Background



This preview shows how black text looks on a background with the YIQ color 189.9530, 7.3820, -1.6260.



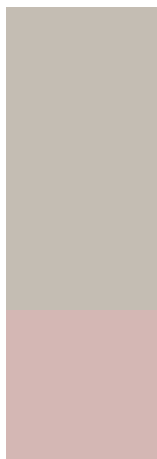
This preview shows how white text looks on a background with the YIQ color 189.9530, 7.3820,

-1.6260.

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

189.9530, 7.3820, -1.6260

Protanopia

189.9530, 7.3820, -1.6260

Deuteranopia

191.3290, 18.2470, 5.2150



Tritanopia

191.4830, 3.2540, 7.1100

Trichromacy



Original Color

189.9530, 7.3820, -1.6260

Protanomaly

189.9530, 7.3820, -1.6260

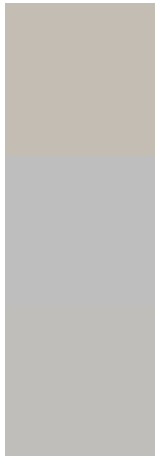
Deuteranomaly

190.7090, 14.1210, 2.8970

Tritanomaly

190.8590, 4.9510, 3.8870

Monochromacy



Original Color

189.9530, 7.3820, -1.6260

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

190.1420, 2.4760, -0.8200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.9530, 7.3820, -1.6260 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, 189, 179)` looks like.

```
.text, #text, p{  
    color:rgb(196, 189, 179)  
}
```

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, 189, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 189, 179) }
```

Border

The CSS property to change the border of an element to YIQ 189.9530, 7.3820, -1.6260 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, 189, 179) }
```


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

```
.border{ border-color:rgb(196, 189, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 189, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 189, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 189, 179);  
box-shadow:4px 4px 4px 4px rgb(196, 189,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 189.9530, 7.3820, -1.6260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 189, 179) }
```

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

```
.background{ background-color: rgb(196,  
189, 179) }
```

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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