

Converting Colors

YIQ(189.7430, 7.6130, -11.3230)

Have a look what the booklet for
YIQ(189.7430, 7.6130, -11.3230)
contains.

YIQ(189.7430, 7.6130, -11.3230)	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(189.7430, 7.6130,
-11.3230)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC3A2
RGB	190, 195, 162
RGB Percent	75%, 76%, 64%
CMY	0.2549, 0.2353, 0.3646
CMYK	0.03, 0.00, 0.17, 0.24
HSL	69°, 22%, 70%
HSV	69°, 17%, 76%
XYZ	47.2715, 52.5863, 41.8477
YIQ	189.7430, 7.6130, -11.3230

Conversions

Conversions Part 2

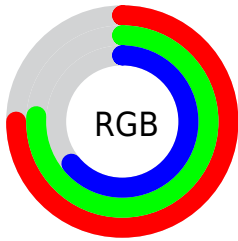
Format	Color
RYB	162, 195, 167
Decimal	12501922
CIELab	77.63, -7.43, 16.02
CIELCh	78, 17.659, 114.884
Yxy	52.5863, 0.3336, 0.3711
Android (android.graphics.Color)	4290692002 (0xFFBEC3A2)
YUV	189.7430, -13.6773, 0.2254
Hunter-Lab	72.5164, -10.5443, 16.5465

Details

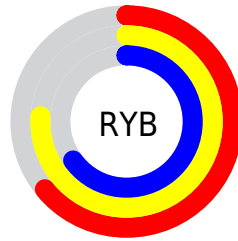
The YIQ color **189.7430, 7.6130, -11.3230** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **167.2570, -7.6130, 11.3230**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **246.2160, 7.6590, -12.1570**, and **135.9710, 6.9710, -10.7010** is the 20% darker color. If you saturate the color by 10%, you get **186.6800, 11.9240, -17.8680**, and if you desaturate by 10%, it is **192.9200, 2.9810, -4.4670**.

Distribution



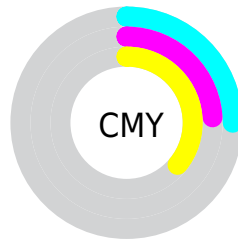
- Red (75%)
- Green (76%)
- Blue (64%)



- Red (64%)
- Yellow (76%)
- Blue (65%)



- Cyan (3%)
- Magenta (0%)
- Yellow (17%)
- Black (24%)



- Cyan (25%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.7430, 7.6130, -11.3230 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 189.7430, 7.6130, -11.3230 by changing the saturation by 10% instead.

■ 189.7430, 7.6130,
-11.3230

■ 189.7430, 7.6130,
-11.3230

255.0000, -0.0000,
-0.0000

■ 162.8570, 7.2920,
-11.0120

■ 246.2160, 7.6590,
-12.1570

■ 135.9710, 6.9710,
-10.7010

■ 253.8600, 3.2100,
-3.1100

■ 111.0850, 6.6500,
-10.3900

■ 86.1990, 6.3290,
-10.0790

■ 63.3130, 6.0080,
-9.7680

■ 41.2420, 4.7700,
-9.3580

■ 20.6550, 5.0450,

-8.8350

0.0000, 0.0000,
0.0000

189.7430, 7.6130,
-11.3230

189.7430, 7.6130,
-11.3230

186.6800, 11.9240,
-17.8680

192.9200, 2.9810,
-4.4670

183.5030, 16.5560,
-24.7240

195.9830, -1.3300,
2.0780

180.4400, 20.8670,
-31.2690

199.1600, -5.9620,
8.9340

177.2630, 25.4990,
-38.1250

202.2230,
-10.2730, 15.4790

174.2000, 29.8100,
-44.6700

204.8300,
-13.3000, 20.7800

■ 171.0230, 34.4420,
-51.5260

■ 205.7270,
-11.5120, 21.4160

■ 167.9600, 38.7530,
-58.0710

■ 206.6240, -9.7240,
22.0520

■ 164.7830, 43.3850,
-64.9270

■ 207.5210, -7.9360,
22.6880

■ 163.8000, 44.7150,
-67.0050

■ 208.4180, -6.1480,
23.3240

Harmonies

Analogous

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



191.8480, 20.6790, -5.8250



189.7430, 7.6130, -11.3230



187.6640, -8.3420, -14.0220

Triad

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



189.7430, 7.6130, -11.3230



187.7110, -32.9190, -3.6310



195.1540, 20.5380, 13.2580

Complementary

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



189.7430, 7.6130, -11.3230



167.2570, -7.6130, 11.3230

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.



195.1510, 7.4250, 14.1210



189.7430, 7.6130, -11.3230



190.2440, -23.9340, 4.2420

Square

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



189.7430, 7.6130, -11.3230



185.9080, -32.2760, -9.7800



193.2460, -9.0800, 10.3760



194.2270, 27.4620, 8.9180

Rectangle

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



189.7430, 7.6130, -11.3230



186.6890, -18.6580, -14.2900



193.2460, -9.0800, 10.3760



194.9410, 16.8240, 14.4880

Sweetspot

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



189.7430, 7.6130, -11.3230



250.3330, 3.2560, -3.9440



174.8020, 18.2930, 4.3810



126.4900, 1.3760, -2.9120



0.0000, 0.0000, 0.0000



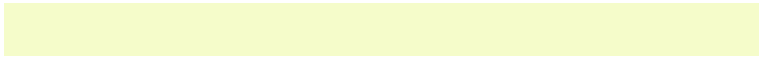
128.0000, -0.0000, -0.0000

Same Dimension

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



189.7430, 7.6130, -11.3230



244.2070, 11.8780, -17.0340



184.9590, -1.9230, -14.7150



95.2620, 2.0180, -3.5340



135.1710, 36.7810, -55.3710



27.7430, 7.6130, -11.3230

Inverse Universe

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



167.2570, -7.6130, 11.3230



210.0920, -11.2820, 17.2460



172.0410, 1.9230, 14.7150



88.7380, -2.0180, 3.5340



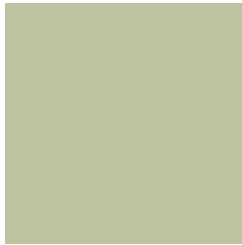
25.5300, -37.3770, 55.1590



5.2570, -7.6130, 11.3230

Previews

White Background



This preview shows how the YIQ color 189.7430, 7.6130, -11.3230 looks on a white background.

Color Contrast Check

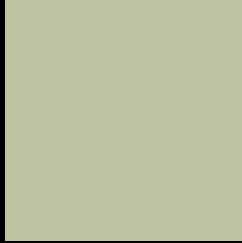
Large Text (above 18pt) WCAG AA × Fail

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 189.7430, 7.6130, -11.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

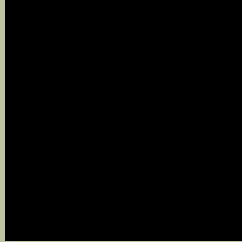
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 189.7430, 7.6130, -11.3230

Background



This preview shows how black text looks on a background with the YIQ color 189.7430, 7.6130, -11.3230.



This preview shows how white text looks on a background with the YIQ color 189.7430, 7.6130,

-11.3230.

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

189.7430, 7.6130, -11.3230

Protanopia

190.7550, 16.5070, -7.3090

Deuteranopia

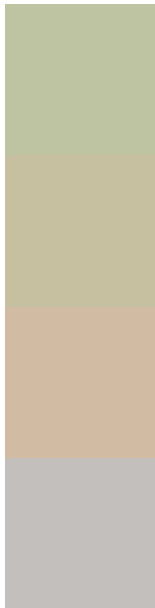
192.4840, 27.8760, 1.4120



Tritanopia

192.8030, -0.6430, 6.1490

Trichromacy



Original Color

189.7430, 7.6130, -11.3230

Protanomaly

190.2600, 13.5270, -8.3690

Deuteranomaly

191.4290, 20.5410, -3.3230

Tritanomaly

191.6690, 2.4300, 0.0140

Monochromacy



Original Color

189.7430, 7.6130, -11.3230

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

190.0340, 2.6600, -4.1560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.7430, 7.6130, -11.3230 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(190, 195, 162)` looks like.

```
.text, #text, p{  
    color:rgb(190, 195, 162)  
}
```

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(190, 195, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 195, 162) }
```

Border

The CSS property to change the border of an element to YIQ 189.7430, 7.6130, -11.3230 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(190, 195, 162) }
```


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

```
.border{ border-color:rgb(190, 195, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 195, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 195, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 195, 162); box-shadow:4px 4px 4px 4px rgb(190, 195, 162) }
```

Background

The CSS property to change the background color of an element to YIQ 189.7430, 7.6130, -11.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 195, 162) }
```

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

```
.background{ background-color: rgb(190,  
195, 162) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor