

Converting Colors

YIQ(187.2860, 10.6380, -5.5700)

Have a look what the booklet for
YIQ(187.2860, 10.6380, -5.5700)
contains.

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Color

**YIQ(187.2860, 10.6380,
-5.5700)**

Conversions

Conversions Part 1

Format	Color
Hex	C2BCA6
RGB	194, 188, 166
RGB Percent	76%, 74%, 65%
CMY	0.2392, 0.2627, 0.3490
CMYK	0.00, 0.03, 0.14, 0.24
HSL	47°, 19%, 71%
HSV	47°, 14%, 76%
XYZ	47.1152, 50.1884, 43.2878
YIQ	187.2860, 10.6380, -5.5700

Conversions

Conversions Part 2

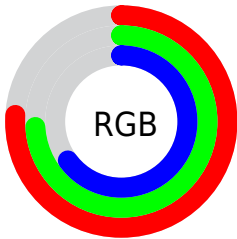
Format	Color
RYB	174, 194, 166
Decimal	12762278
CIELab	76.18, -1.64, 11.88
CIELCh	76, 11.990, 97.851
Yxy	50.1884, 0.3351, 0.3570
Android (android.graphics.Color)	4290952358 (0xFFC2BCA6)
YUV	187.2860, -10.4940, 5.8882
Hunter-Lab	70.8438, -5.2639, 13.3626

Details

The YIQ color **187.2860, 10.6380, -5.5700** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **172.7140, -10.6380, 5.5700**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **243.4710, 11.5550, -5.6690**, and **134.1010, 9.7210, -5.4710** is the 20% darker color. If you saturate the color by 10%, you get **182.7720, 17.8370, -9.3870**, and if you desaturate by 10%, it is **191.8000, 3.4390, -1.7530**.

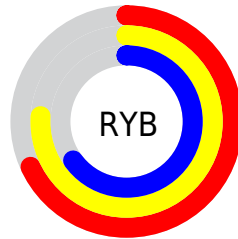
Distribution



Red (76%)

Green (74%)

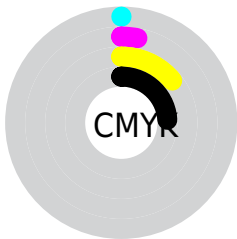
Blue (65%)



Red (68%)

Yellow (76%)

Blue (65%)

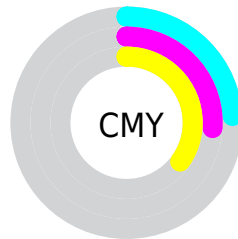


Cyan (0%)

Magenta (3%)

Yellow (14%)

Black (24%)



Cyan (24%)

Magenta (26%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.2860, 10.6380, -5.5700 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 187.2860, 10.6380, -5.5700 by changing the saturation by 10% instead.

■ 187.2860, 10.6380,
-5.5700

■ 187.2860, 10.6380,
-5.5700

■ 255.0000, -0.0000,
-0.0000

■ 160.4000, 10.3170,
-5.2590

■ 243.4710, 11.5550,
-5.6690

■ 134.1010, 9.7210,
-5.4710

■ 254.4300, 1.6050,
-1.5550

■ 109.2150, 9.4000,
-5.1600

■ 84.3290, 9.0790,
-4.8490

■ 61.1440, 8.1620,
-4.7500

■ 39.2580, 7.8410,
-4.4390

■ 18.9160, 8.8040,

-5.3720

■ 0.0000, 0.0000,
0.0000

■ 187.2860, 10.6380,
-5.5700

■ 187.2860, 10.6380,
-5.5700

■ 182.7720, 17.8370,
-9.3870

■ 191.8000, 3.4390,
-1.7530

■ 178.1440, 25.3570,
-13.5150

■ 196.4280, -4.0810,
2.3750

■ 173.6300, 32.5560,
-17.3320

■ 200.9420,
-11.2800, 6.1920

■ 168.4150, 40.3510,
-20.9370

■ 206.1570,
-19.0750, 9.7970

■ 163.9010, 47.5500,
-24.7540

■ 209.7590,
-23.7060, 11.1260

■ 159.3870, 54.7490,
-28.5710

■ 212.1070,
-24.8060, 9.0340

■ 154.7590, 62.2690,
-32.6990

■ 214.4550,
-25.9060, 6.9420

■ 150.2450, 69.4680,
-36.5160

■ 216.8030,
-27.0060, 4.8500

■ 147.2300, 73.8240,
-38.3680

■ 219.1510,
-28.1060, 2.7580

Harmonies

Analogous

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



188.4550, 17.6520, -0.5240



187.2860, 10.6380, -5.5700



185.6160, 0.7810, -8.6510

Triad

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



187.2860, 10.6380, -5.5700



184.9310, -21.9150, -4.8190



189.8860, 9.4890, 9.7530

Complementary

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



187.2860, 10.6380, -5.5700



172.7140, -10.6380, 5.5700

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.



189.3840, -0.7810, 8.6510



187.2860, 10.6380, -5.5700



185.7620, -19.7610, 0.1990

Square

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



187.2860, 10.6380, -5.5700



184.2640, -18.6590, -8.7630



188.1160, -11.8300, 5.1460



189.8390, 16.8710, 8.1270

Rectangle

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



187.2860, 10.6380, -5.5700



185.0820, -6.4630, -9.5270



188.1160, -11.8300, 5.1460



190.0320, 6.1420, 9.8380

Sweetspot

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



187.2860, 10.6380, -5.5700



249.6860, 3.7600, -2.0640



175.0560, 14.7620, 7.8020



126.0280, 2.7970, -1.1310



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.



187.2860, 10.6380, -5.5700



241.9290, 15.9570, -8.3550



188.4160, 4.2200, -10.4040



94.6860, 3.7600, -2.0640



122.1010, 61.3060, -31.7660



25.1290, 12.5180, -6.6020

Inverse Universe

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



172.7140, -10.6380, 5.5700



220.0710, -15.9570, 8.3550



171.5840, -4.2200, 10.4040



89.3140, -3.7600, 2.0640



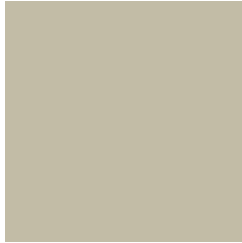
38.3120, -61.0310, 32.2890



7.8710, -12.5180, 6.6020

Previews

White Background



This preview shows how the YIQ color 187.2860, 10.6380, -5.5700 looks on a white background.

Color Contrast Check

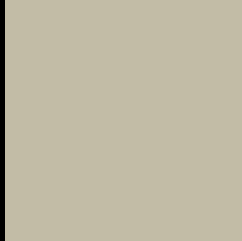
Large Text (above 18pt) WCAG AA × Fail

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 187.2860, 10.6380, -5.5700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

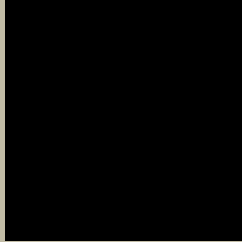
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

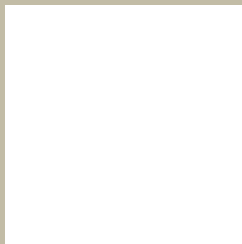
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 187.2860, 10.6380, -5.5700

Background



This preview shows how black text looks on a background with the YIQ color 187.2860, 10.6380, -5.5700.



This preview shows how white text looks on a background with the YIQ color 187.2860, 10.6380, -5.5700.

-5.5700.

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

187.2860, 10.6380, -5.5700

Protanopia

187.2970, 12.1050, -4.6230

Deuteranopia

188.9720, 23.5660, 2.4300



Tritanopia

189.1950, 4.1250, 7.8450

Trichromacy



Original Color

187.2860, 10.6380, -5.5700

Protanomaly

186.9980, 11.5090, -4.8350

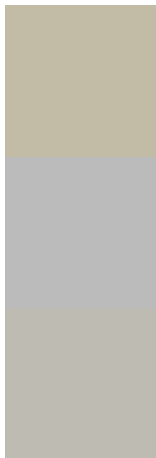
Deuteranomaly

188.6400, 18.5690, -0.6230

Tritanomaly

188.7020, 6.8310, 2.8550

Monochromacy



Original Color

187.2860, 10.6380, -5.5700

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

186.9850, 4.3560, -1.8520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.2860, 10.6380, -5.5700 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(194, 188, 166)` looks like.

```
.text, #text, p{  
    color:rgb(194, 188, 166)  
}
```

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(194, 188, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 188, 166) }
```

Border

The CSS property to change the border of an element to YIQ 187.2860, 10.6380, -5.5700 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(194, 188, 166) }
```


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

```
.border{ border-color:rgb(194, 188, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 188, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 188, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 188, 166);  
box-shadow:4px 4px 4px 4px rgb(194, 188,  
166) }
```

Background

The CSS property to change the background color of an element to YIQ 187.2860, 10.6380, -5.5700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 188, 166) }
```

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

```
.background{ background-color: rgb(194,  
188, 166) }
```

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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