

Converting Colors

YIQ(185.2620, -7.1500,
-13.5980)

Have a look what the booklet for
YIQ(185.2620, -7.1500, -13.5980)
contains.

YIQ(185.2620, -7.1500, -13.5980)	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(185.2620, -7.1500,
-13.5980)**

Conversions

Conversions Part 1

Format	Color
Hex	AAC4AA
RGB	170, 196, 170
RGB Percent	67%, 77%, 67%
CMY	0.3334, 0.2313, 0.3333
CMYK	0.13, 0.00, 0.13, 0.23
HSL	120°, 18%, 72%
HSV	120°, 13%, 77%
XYZ	43.5711, 50.9308, 45.5633
YIQ	185.2620, -7.1500, -13.5980

Conversions

Conversions Part 2

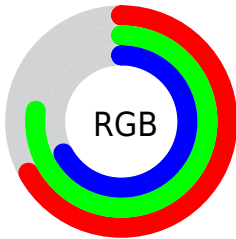
Format	Color
RYB	170, 196, 196
Decimal	11191466
CIELab	76.64, -13.77, 10.12
CIELCh	77, 17.091, 143.672
Yxy	50.9308, 0.3111, 0.3636
Android (android.graphics.Color)	4289381546 (0xFFAAC4AA)
YUV	185.2620, -7.5242, -13.3848
Hunter-Lab	71.3658, -15.9101, 12.1025

Details

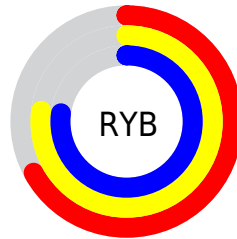
The YIQ color $185.2620, -7.1500, -13.5980$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $180.7380, 7.1500, 13.5980$, and the grayscale version is $185.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $241.4360, -7.7000, -14.6440$, and $132.0880, -6.6000, -12.5520$ is the 20% darker color. If you saturate the color by 10%, you get $177.0020, -12.6500, -24.0580$, and if you desaturate by 10%, it is $193.5220, -1.6500, -3.1380$.

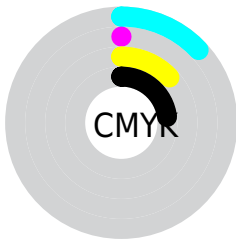
Distribution



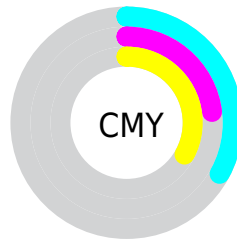
- Red (67%)
- Green (77%)
- Blue (67%)



- Red (67%)
- Yellow (77%)
- Blue (77%)



- Cyan (13%)
- Magenta (0%)
- Yellow (13%)
- Black (23%)



- Cyan (33%)
- Magenta (23%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 185.2620, -7.1500, -13.5980 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 185.2620, -7.1500, -13.5980 by changing the saturation by 10% instead.

■ 185.2620, -7.1500,
-13.5980

■ 185.2620, -7.1500,
-13.5980

255.0000, -0.0000,
-0.0000

■ 158.3760, -7.4710,
-13.2870

■ 241.4360, -7.7000,
-14.6440

■ 132.0880, -6.6000,
-12.5520

254.5870, -0.2750,
-0.5230

■ 107.0880, -6.6000,
-12.5520

■ 82.6150, -6.6460,
-11.7180

■ 59.0280, -6.3710,
-11.1950

■ 37.4410, -6.0960,
-10.6720

■ 15.2620, -7.1500,

-13.5980

■ 0.0000, 0.0000,
0.0000

■ 185.2620, -7.1500,
-13.5980

■ 185.2620, -7.1500,
-13.5980

■ 177.0020,
-12.6500, -24.0580

■ 193.5220, -1.6500,
-3.1380

■ 169.1550,
-17.8750, -33.9950

■ 201.3690, 3.5750,
6.7990

■ 160.8950,
-23.3750, -44.4550

■ 209.6290, 9.0750,
17.2590

■ 153.0480,
-28.6000, -54.3920

■ 217.4760, 14.3000,
27.1960

■ 144.7880,
-34.1000, -64.8520

■ 220.3670, 16.2250,
30.8570

■ 136.5280,
-39.6000, -75.3120

■ 128.6810,
-44.8250, -85.2490

■ 120.4210,
-50.3250, -95.7090

■ 115.0520,
-53.9000, -102.5080

Harmonies

Analogous

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



187.1560, 7.8880, -10.8000



185.2620, -7.1500, -13.5980



183.6610, -21.4550, -13.1590

Triad

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



185.2620, -7.1500, -13.5980



188.0160, -23.2920, 3.6200



191.9280, 26.8660, 8.7060

Complementary

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



185.2620, -7.1500, -13.5980



180.7380, 7.1500, 13.5980

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.



191.9690, 19.6210, 13.3570



185.2620, -7.1500, -13.5980



190.2460, -9.0800, 10.3760

Square

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



185.2620, -7.1500, -13.5980



184.8960, -32.0020, -3.7300



191.8520, 6.8290, 13.9090



190.4130, 26.6380, 1.8220

Rectangle

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



185.2620, -7.1500, -13.5980



183.1210, -28.5620, -11.0100



191.8520, 6.8290, 13.9090



191.6120, 24.9400, 10.5720

Sweetspot

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



185.2620, -7.1500, -13.5980



250.8700, -2.7500, -5.2300



193.0360, 8.3460, -8.0860



125.1090, -1.9250, -3.6610



0.0000, 0.0000, 0.0000



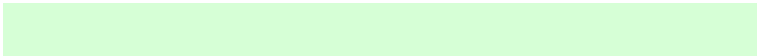
128.0000, -0.0000, -0.0000

Same Dimension

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



185.2620, -7.1500, -13.5980



238.0670, -11.2750, -21.4430



186.7440, -11.3230, -9.5550



92.8700, -2.7500, -5.2300



94.5070, -44.2750, -84.2030



19.3710, -9.0750, -17.2590

Inverse Universe

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



180.7380, 7.1500, 13.5980



230.9330, 11.2750, 21.4430



179.2560, 11.3230, 9.5550



91.1300, 2.7500, 5.2300



66.4930, 44.2750, 84.2030



13.6290, 9.0750, 17.2590

Previews

White Background



This preview shows how the YIQ color 185.2620, -7.1500, -13.5980 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 185.2620, -7.1500, -13.5980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

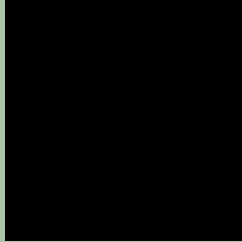
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 185.2620, -7.1500, -13.5980

Background



This preview shows how black text looks on a background with the YIQ color 185.2620, -7.1500, -13.5980.



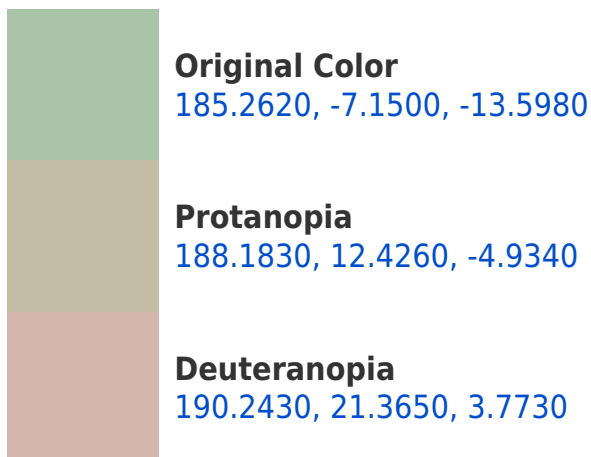
This preview shows how white text looks on a background with the YIQ color 185.2620, -7.1500,

-13.5980.

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

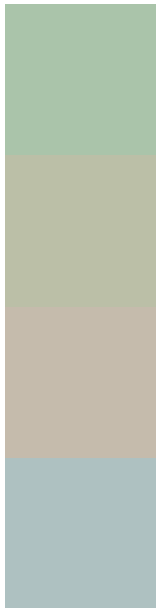




Tritanopia

188.2250, -13.7550, 1.4850

Trichromacy



Original Color

185.2620, -7.1500, -13.5980

Protanomaly

187.0680, 5.3200, -8.3120

Deuteranomaly

188.2800, 10.7750, -2.5450

Tritanomaly

187.3190, -11.3240, -4.0280

Monochromacy



Original Color

185.2620, -7.1500, -13.5980

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

185.2830, -2.4750, -4.7070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.2620, -7.1500, -13.5980 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(170, 196, 170)` looks like.

```
.text, #text, p{  
    color:rgb(170, 196, 170)  
}
```

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(170, 196, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 196, 170) }
```

Border

The CSS property to change the border of an element to YIQ 185.2620, -7.1500, -13.5980 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(170, 196, 170) }
```


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

```
.border{ border-color:rgb(170, 196, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 196, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 196, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 196, 170); box-shadow:4px 4px 4px 4px rgb(170, 196, 170) }
```

Background

The CSS property to change the background color of an element to YIQ 185.2620, -7.1500, -13.5980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 196, 170) }
```

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

```
.background{ background-color: rgb(170,  
196, 170) }
```

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