

Converting Colors

YIQ(185.9790, -21.8700,
-0.1260)

Have a look what the booklet for
YIQ(185.9790, -21.8700, -0.1260)
contains.

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Color

**YIQ(185.9790, -21.8700,
-0.1260)**

Conversions

Conversions Part 1

Format	Color
Hex	A5C0D2
RGB	165, 192, 210
RGB Percent	65%, 75%, 82%
CMY	0.3530, 0.2470, 0.1766
CMYK	0.21, 0.09, 0.00, 0.18
HSL	204°, 33%, 74%
HSV	204°, 21%, 82%
XYZ	45.9960, 50.3540, 68.2510
YIQ	185.9790, -21.8700, -0.1260

Conversions

Conversions Part 2

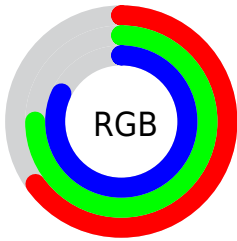
Format	Color
RYB	165, 182, 210
Decimal	10862802
CIELab	76.29, -5.23, -12.05
CIELCh	76, 13.137, 246.528
Yxy	50.3540, 0.2794, 0.3059
Android (android.graphics.Color)	4289052882 (0xFFA5C0D2)
YUV	185.9790, 11.8424, -18.3986
Hunter-Lab	70.9606, -8.4788, -7.3537




Details

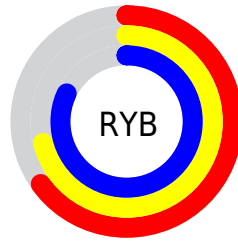
The YIQ color $185.9790, -21.8700, -0.1260$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $189.0210, 21.8700, 0.1260$, and the grayscale version is $186.0000, -0.0000, -0.0000$.




A 20% lighter version of the original color is $240.7250, -18.3390, -3.5470$, and $132.8650, -21.5490, -0.4370$ is the 20% darker color. If you saturate the color by 10%, you get $175.0040, -32.1860, -0.3940$, and if you desaturate by 10%, it is $196.9540, -11.5540, 0.1420$.

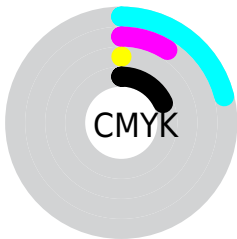
Distribution







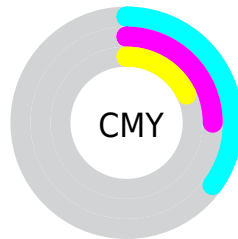
-  Red (65%)
-  Green (75%)
-  Blue (82%)






-  Red (65%)
-  Yellow (71%)
-  Blue (82%)



-  Cyan (21%)
-  Magenta (9%)
-  Yellow (0%)
-  Black (18%)



-  Cyan (35%)
-  Magenta (25%)
-  Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 185.9790, -21.8700, -0.1260 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 185.9790, -21.8700, -0.1260 by changing the saturation by 10% instead.

■ 185.9790,
-21.8700, -0.1260

■ 185.9790,
-21.8700, -0.1260

■ 255.0000, -0.0000,
-0.0000

■ 158.8650,
-21.5490, -0.4370

■ 240.7250,
-18.3390, -3.5470

■ 132.8650,
-21.5490, -0.4370

■ 253.2060, -3.5760,
-1.2720

■ 107.0500,
-20.6320, -0.5360

■ 82.9360, -20.3110,
-0.8470

■ 58.9360, -20.3110,
-0.8470

■ 36.5230, -20.5860,
-1.3700

■ 17.6050, -17.8810,

-0.8330

■ 2.0690, -4.4480,
3.5200

■ 0.0000, 0.0000,
0.0000

■ 185.9790,
-21.8700, -0.1260

■ 185.9790,
-21.8700, -0.1260

■ 175.0040,
-32.1860, -0.3940

■ 196.9540,
-11.5540, 0.1420

■ 163.4420,
-42.2270, -0.1390

■ 208.5160, -1.5130,
-0.1130

■ 152.4670,
-52.5430, -0.4070

■ 219.4910, 8.8030,
0.1550

■ 140.9050,
-62.5840, -0.1520

■ 231.0530, 18.8440,
-0.1000

■ 129.9300,
-72.9000, -0.4200

■ 237.5430, 20.2200,
-3.0120

■ 118.9550,
-83.2160, -0.6880

■ 242.2390, 18.0200,
-7.1960

■ 107.3930,
-93.2570, -0.4330

■ 247.5220, 15.5450,
-11.9030

■ 97.9020,
-102.0600, -0.5880

■ 249.8700, 14.4450,
-13.9950

Harmonies

Analogous

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



184.7350, -24.2990, -5.6670



185.9790, -21.8700, -0.1260



188.0450, -13.0680, 5.5560

Triad

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



185.9790, -21.8700, -0.1260



190.5510, 17.7420, 8.8620



185.9750, 1.1480, -9.7960

Complementary

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



185.9790, -21.8700, -0.1260



189.0210, 21.8700, 0.1260

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.



187.3570, 11.8760, -5.9800



185.9790, -21.8700, -0.1260



189.7700, 21.3190, 4.6070

Square

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



185.9790, -21.8700, -0.1260



190.7120, 10.0390, 10.7990



188.8250, 19.4860, -0.7220



184.4020, -10.3600, -10.4880

Rectangle

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



185.9790, -21.8700, -0.1260



189.6330, -5.9160, 8.1000



188.8250, 19.4860, -0.7220



186.6550, 5.0450, -8.8350

Sweetspot

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



185.9790, -21.8700, -0.1260



246.9930, -7.2900, -0.0420



193.3530, -17.8320, -18.2480



122.9610, -4.2640, 0.1840



0.0000, 0.0000, 0.0000



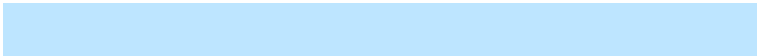
128.0000, -0.0000, -0.0000

Same Dimension

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



185.9790, -21.8700, -0.1260



220.0040, -32.1860, -0.3940



173.0650, -15.8200, 11.3800



98.7760, -5.1810, 0.2830



78.4390, -81.7030, -0.5750



19.3490, -20.0360, -0.3240

Inverse Universe

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



181.5330, 18.1530, 17.9370



213.2940, 26.4960, 26.4320



201.9350, 15.8200, -11.3800



97.9730, 4.6300, 4.1980



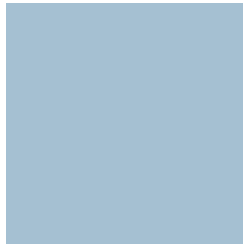
61.7460, 67.7070, 67.0270



15.1090, 16.4110, 16.4670

Previews

White Background



This preview shows how the YIQ color 185.9790, -21.8700, -0.1260 looks on a white background.

Color Contrast Check

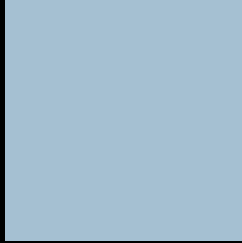
Large Text (above 18pt) WCAG AA × Fail

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 185.9790, -21.8700, -0.1260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

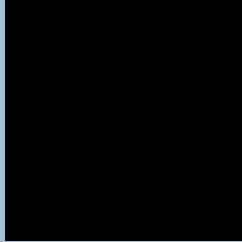
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

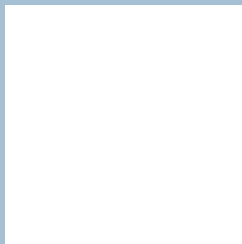
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 185.9790, -21.8700, -0.1260

Background



This preview shows how black text looks on a background with the YIQ color 185.9790, -21.8700, -0.1260.



This preview shows how white text looks on a background with the YIQ color 185.9790, -21.8700, -0.1260.

-0.1260.

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

185.9790, -21.8700, -0.1260

Protanopia

188.2800, -6.4200, 6.2200

Deuteranopia

189.8940, -2.1570, 11.5630



Tritanopia

185.7510, -21.2280, -0.7480

Trichromacy



Original Color

185.9790, -21.8700, -0.1260

Protanomaly

187.1760, -12.0590, 3.7890

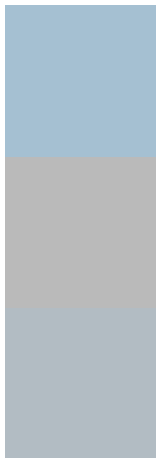
Deuteranomaly

188.2520, -9.2170, 7.3510

Tritanomaly

185.8650, -21.5490, -0.4370

Monochromacy



Original Color

185.9790, -21.8700, -0.1260

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

185.8080, -8.2070, 0.0570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.9790, -21.8700, -0.1260 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(165, 192, 210)` looks like.

```
.text, #text, p{  
    color:rgb(165, 192, 210)  
}
```

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(165, 192, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 192, 210) }
```

Border

The CSS property to change the border of an element to YIQ 185.9790, -21.8700, -0.1260 is called "border". The border property can be set on classes, ids or directly on the HTML element.

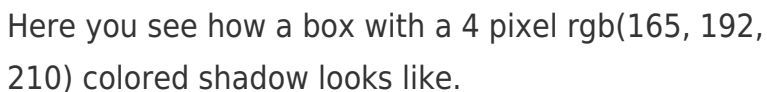
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 192, 210) }
```


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

```
.border{ border-color:rgb(165, 192, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 192, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 192, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 192, 210);  
box-shadow:4px 4px 4px 4px rgb(165, 192,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 185.9790, -21.8700, -0.1260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 192, 210) }
```

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

```
.background{ background-color: rgb(165,  
192, 210) }
```

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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