

Converting Colors

YIQ(187.7510, -21.2280,
-0.7480)

Have a look what the booklet for
YIQ(187.7510, -21.2280, -0.7480)
contains.

YIQ(187.7510, -21.2280, -0.7480)	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(187.7510, -21.2280,
-0.7480)**

Conversions

Conversions Part 1

Format	Color
Hex	A7C2D2
RGB	167, 194, 210
RGB Percent	65%, 76%, 82%
CMY	0.3451, 0.2392, 0.1766
CMYK	0.20, 0.08, 0.00, 0.18
HSL	202°, 32%, 74%
HSV	202°, 20%, 82%
XYZ	46.8575, 51.4545, 68.4187
YIQ	187.7510, -21.2280, -0.7480

Conversions

Conversions Part 2

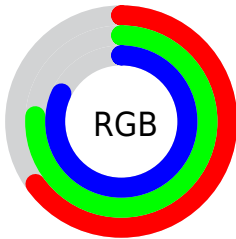
Format	Color
RYB	167, 184, 210
Decimal	10994386
CIELab	76.95, -5.67, -11.04
CIElCh	77, 12.412, 242.798
Yxy	51.4545, 0.2810, 0.3086
Android (android.graphics.Color)	4289184466 (0xFFA7C2D2)
YUV	187.7510, 10.9688, -18.1986
Hunter-Lab	71.7318, -8.9287, -6.3393

Details

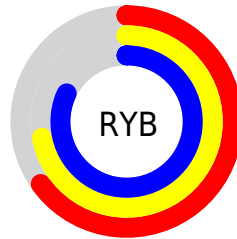
The YIQ color **187.7510, -21.2280, -0.7480** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **189.2490, 21.2280, 0.7480**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.4970, -17.6970, -4.1690**, and **134.0500, -20.6320, -0.5360** is the 20% darker color. If you saturate the color by 10%, you get **176.7760, -31.5440, -1.0160**, and if you desaturate by 10%, it is **198.7260, -10.9120, -0.4800**.

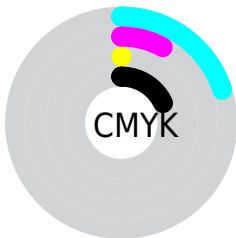
Distribution



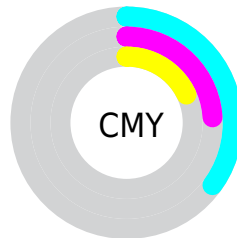
- Red (65%)
- Green (76%)
- Blue (82%)



- Red (65%)
- Yellow (72%)
- Blue (82%)



- Cyan (20%)
- Magenta (8%)
- Yellow (0%)
- Black (18%)



- Cyan (35%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.7510, -21.2280, -0.7480 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 187.7510, -21.2280, -0.7480 by changing the saturation by 10% instead.

■ 187.7510,
-21.2280, -0.7480

■ 187.7510,
-21.2280, -0.7480

■ 255.0000, -0.0000,
-0.0000

■ 160.6370,
-20.9070, -1.0590

■ 242.4970,
-17.6970, -4.1690

■ 134.0500,
-20.6320, -0.5360

■ 253.8040, -2.3840,
-0.8480

■ 108.8220,
-19.9900, -1.1580

■ 84.1210, -19.3940,
-0.9460

■ 60.7080, -19.6690,
-1.4690

■ 38.2950, -19.9440,
-1.9920

■ 18.7790, -18.4310,

-1.8790

■ 2.1830, -4.7690,
3.8310

■ 0.0000, 0.0000,
0.0000

■ 187.7510,
-21.2280, -0.7480

■ 187.7510,
-21.2280, -0.7480

■ 176.7760,
-31.5440, -1.0160

■ 198.7260,
-10.9120, -0.4800

■ 165.8010,
-41.8600, -1.2840

■ 209.7010, -0.5960,
-0.2120

■ 155.4130,
-52.4510, -2.0750

■ 220.0890, 9.9950,
0.5790

■ 144.4380,
-62.7670, -2.3430

■ 231.0640, 20.3110,
0.8470

■ 133.4630,
-73.0830, -2.6110

■ 236.9560, 20.4950,
-2.4890

■ 122.4880,
-83.3990, -2.8790

■ 241.6520, 18.2950,
-6.6730

■ 111.5130,
-93.7150, -3.1470

■ 246.3480, 16.0950,
-10.8570

■ 101.4240,
-103.7100, -3.7260

■ 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.



186.2190, -22.7860, -5.5540



187.7510, -21.2280, -0.7480



189.9200, -14.2140, 4.2980

Triad

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



187.7510, -21.2280, -0.7480



192.3660, 16.8250, 8.9610



188.1000, 2.2940, -8.5380

Complementary

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



187.7510, -21.2280, -0.7480



189.2490, 21.2280, 0.7480

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.



189.1830, 12.4260, -4.9340



187.7510, -21.2280, -0.7480



191.6990, 20.0810, 5.0170

Square

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



187.7510, -21.2280, -0.7480



192.5160, 7.6550, 9.9510



191.0530, 18.8440, -0.1000



187.1850, -8.2510, -10.1630

Rectangle

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



187.7510, -21.2280, -0.7480



190.9210, -6.7870, 7.3650



191.0530, 18.8440, -0.1000



188.7800, 6.1910, -7.5770

Sweetspot

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



187.7510, -21.2280, -0.7480



246.9930, -7.2900, -0.0420



194.0650, -16.9610, -17.5130



122.9610, -4.2640, 0.1840



0.0000, 0.0000, 0.0000



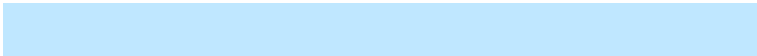
128.0000, -0.0000, -0.0000

Same Dimension

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



187.7510, -21.2280, -0.7480



221.7760, -31.5440, -1.0160



175.4240, -15.4530, 10.2350



99.3630, -5.4560, -0.2400



81.3740, -83.0780, -3.1900



19.9360, -20.3110, -0.8470

Inverse Universe

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



182.9350, 16.9610, 17.5130



214.6960, 25.3040, 26.0080



201.5760, 15.4530, -10.2350



98.0870, 4.3090, 4.5090



62.3160, 66.1020, 68.5820



15.2230, 16.0900, 16.7780

Previews

White Background



This preview shows how the YIQ color 187.7510, -21.2280, -0.7480 looks on a white background.

Color Contrast Check

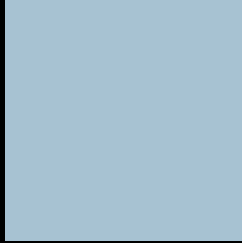
Large Text (above 18pt) WCAG AA × Fail

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 187.7510, -21.2280, -0.7480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

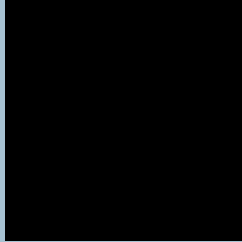
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

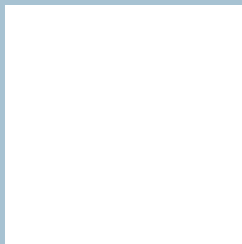
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 187.7510, -21.2280, -0.7480

Background



This preview shows how black text looks on a background with the YIQ color 187.7510, -21.2280, -0.7480.



This preview shows how white text looks on a background with the YIQ color 187.7510, -21.2280, -0.7480.

-0.7480.

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

187.7510, -21.2280, -0.7480

Protanopia

190.0520, -5.7780, 5.5980

Deuteranopia

191.9650, -0.9190, 11.1530



Tritanopia

187.7510, -21.2280, -0.7480

Trichromacy



Original Color

187.7510, -21.2280, -0.7480

Protanomaly

188.9480, -11.4170, 3.1670

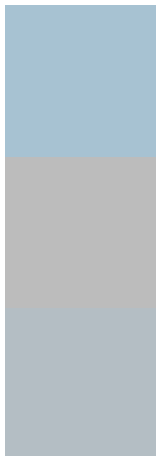
Deuteranomaly

190.3230, -7.9790, 6.9410

Tritanomaly

187.7510, -21.2280, -0.7480

Monochromacy



Original Color

187.7510, -21.2280, -0.7480

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.6940, -7.8860, -0.2540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.7510, -21.2280, -0.7480 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(167, 194, 210)` looks like.

```
.text, #text, p{  
    color:rgb(167, 194, 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(167, 194, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 194, 210) }
```

Border

The CSS property to change the border of an element to YIQ 187.7510, -21.2280, -0.7480 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(167, 194, 210) }
```


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

```
.border{ border-color:rgb(167, 194, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 194, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 194, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 194, 210);  
box-shadow:4px 4px 4px 4px rgb(167, 194,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 187.7510, -21.2280, -0.7480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 194, 210) }
```

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

```
.background{ background-color: rgb(167,  
194, 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](#).

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