

Converting Colors

YIQ(181.7510, -21.2280,
-0.7480)

Have a look what the booklet for
YIQ(181.7510, -21.2280, -0.7480)
contains.

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Color

**YIQ(181.7510, -21.2280,
-0.7480)**

Conversions

Conversions Part 1

Format	Color
Hex	A1BCCC
RGB	161, 188, 204
RGB Percent	63%, 74%, 80%
CMY	0.3687, 0.2627, 0.2001
CMYK	0.21, 0.08, 0.00, 0.20
HSL	202°, 30%, 72%
HSV	202°, 21%, 80%
XYZ	43.5769, 47.9054, 64.0612
YIQ	181.7510, -21.2280, -0.7480

Conversions

Conversions Part 2

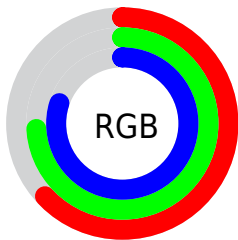
Format	Color
R_{YB}	161, 178, 204
Decimal	10599628
CIE _{Lab}	74.77, -5.68, -11.10
CIE _{LCh}	75, 12.467, 242.877
Yxy	47.9054, 0.2802, 0.3080
Android (android.graphics.Color)	4288789708 (0xFFA1BCCC)
YUV	181.7510, 10.9688, -18.1986
Hunter-Lab	69.2137, -8.7405, -6.4266

Details

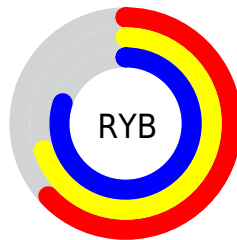
The YIQ color **181.7510, -21.2280, -0.7480** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **183.2490, 21.2280, 0.7480**, and the grayscale version is **182.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **236.8820, -20.2190, -2.5150**, and **128.9360, -20.3110, -0.8470** is the 20% darker color. If you saturate the color by 10%, you get **171.0750, -30.9480, -0.8040**, and if you desaturate by 10%, it is **192.4270, -11.5080, -0.6920**.

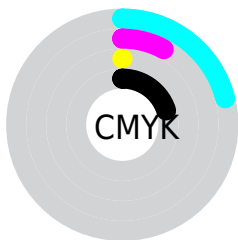
Distribution



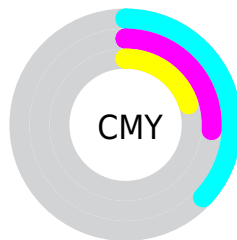
- Red (63%)
- Green (74%)
- Blue (80%)



- Red (63%)
- Yellow (70%)
- Blue (80%)



- Cyan (21%)
- Magenta (8%)
- Yellow (0%)
- Black (20%)



- Cyan (37%)
- Magenta (26%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 181.7510, -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 181.7510, -21.2280, -0.7480 by changing the saturation by 10% instead.

■ 181.7510,
-21.2280, -0.7480

■ 181.7510,
-21.2280, -0.7480

■ 255.0000, -0.0000,
-0.0000

■ 154.7510,
-21.2280, -0.7480

■ 236.8820,
-20.2190, -2.5150

■ 128.9360,
-20.3110, -0.8470

■ 252.0100, -5.9600,
-2.1200

■ 103.8220,
-19.9900, -1.1580

■ 79.1210, -19.3940,
-0.9460

■ 55.7080, -19.6690,
-1.4690

■ 33.1100, -20.8610,
-1.8930

■ 15.2740, -15.4510,

-0.8190

■ 0.5700, -1.6050,
1.5550

■ 0.0000, 0.0000,
0.0000

■ 181.7510,
-21.2280, -0.7480

■ 181.7510,
-21.2280, -0.7480

■ 171.0750,
-30.9480, -0.8040

■ 192.4270,
-11.5080, -0.6920

■ 160.6870,
-41.5390, -1.5950

■ 202.8150, -0.9170,
0.0990

■ 150.0110,
-51.2590, -1.6510

■ 213.4910, 8.8030,
0.1550

■ 139.6230,
-61.8500, -2.4420

■ 223.8790, 19.3940,
0.9460

■ 128.9470,
-71.5700, -2.4980

■ 232.1630, 24.3460,
-0.6940

■ 118.8580,
-81.5650, -3.0770

■ 236.2720, 22.4210,
-4.3550

■ 107.8830,
-91.8810, -3.3450

■ 240.9680, 20.2210,
-8.5390

■ 98.3920,
-100.6840, -3.5000

■ 245.6640, 18.0210,
-12.7230

■ 249.1860, 16.3710,
-15.8610

Harmonies

Analogous

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



180.2190, -22.7860, -5.5540



181.7510, -21.2280, -0.7480



183.9200, -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.



181.7510, -21.2280, -0.7480



186.3660, 16.8250, 8.9610



182.1000, 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.



181.7510, -21.2280, -0.7480



183.2490, 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.



183.7700, 12.1510, -5.4570



181.7510, -21.2280, -0.7480



185.6990, 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.



181.7510, -21.2280, -0.7480



186.5160, 7.6550, 9.9510



185.0530, 18.8440, -0.1000



181.1850, -8.2510, -10.1630

Rectangle

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



181.7510, -21.2280, -0.7480



184.9210, -6.7870, 7.3650



185.0530, 18.8440, -0.1000



182.7800, 6.1910, -7.5770

Sweetspot

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



181.7510, -21.2280, -0.7480



246.9930, -7.2900, -0.0420



188.0650, -16.9610, -17.5130



122.9610, -4.2640, 0.1840



0.0000, 0.0000, 0.0000



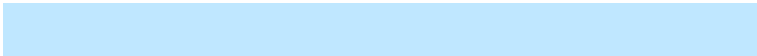
128.0000, -0.0000, -0.0000

Same Dimension

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



181.7510, -21.2280, -0.7480



221.7760, -31.5440, -1.0160



169.4240, -15.4530, 10.2350



96.6620, -4.8600, -0.0280



79.9720, -81.8860, -2.7660



18.4200, -18.7980, -0.7340

Inverse Universe

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



176.9350, 16.9610, 17.5130



214.6960, 25.3040, 26.0080



195.5760, 15.4530, -10.2350



95.6740, 4.0340, 3.9860



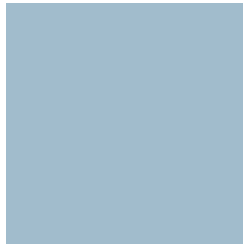
61.4900, 65.5520, 67.5360



14.0980, 14.9440, 15.5200

Previews

White Background



This preview shows how the YIQ color 181.7510, -21.2280, -0.7480 looks on a white background.

Color Contrast Check

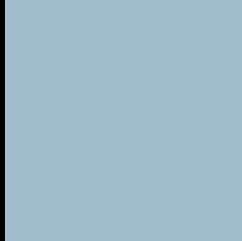
Large Text (above 18pt) WCAG AA × Fail

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 181.7510, -21.2280, -0.7480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

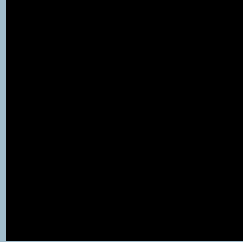
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

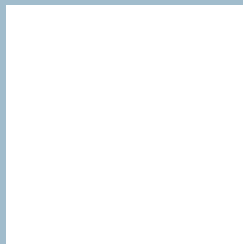
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 181.7510, -21.2280, -0.7480

Background



This preview shows how black text looks on a background with the YIQ color 181.7510, -21.2280, -0.7480.



This preview shows how white text looks on a background with the YIQ color 181.7510, -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

181.7510, -21.2280, -0.7480

Protanopia

184.0520, -5.7780, 5.5980

Deuteranopia

185.6660, -1.5150, 10.9410



Tritanopia

181.6370, -20.9070, -1.0590

Trichromacy



Original Color

181.7510, -21.2280, -0.7480

Protanomaly

182.9480, -11.4170, 3.1670

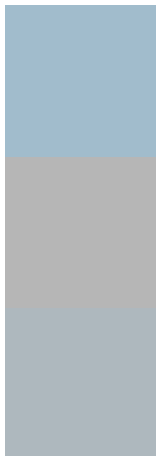
Deuteranomaly

184.0240, -8.5750, 6.7290

Tritanomaly

181.6370, -20.9070, -1.0590

Monochromacy



Original Color

181.7510, -21.2280, -0.7480

Achromatopsia

182.0000, -0.0000, -0.0000

Achromatomaly

181.6940, -7.8860, -0.2540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.7510, -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(161, 188, 204)` looks like.

```
.text, #text, p{  
    color:rgb(161, 188, 204)  
}
```

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(161, 188, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 188, 204) }
```

Border

The CSS property to change the border of an element to YIQ 181.7510, -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(161, 188, 204) }
```


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

```
.border{ border-color:rgb(161, 188, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 188, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 188, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 188, 204);  
box-shadow:4px 4px 4px 4px rgb(161, 188,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 181.7510, -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(161, 188, 204) }
```

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

```
.background{ background-color: rgb(161,  
188, 204) }
```

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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