

Converting Colors

YIQ(195.7750, -21.7760,
-12.8480)

Have a look what the booklet for
YIQ(195.7750, -21.7760, -12.8480)
contains.

YIQ(195.7750, -21.7760, -12.8480)	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(195.7750, -21.7760,
-12.8480)**

Conversions

Conversions Part 1

Format	Color
Hex	A7D2C6
RGB	167, 210, 198
RGB Percent	65%, 82%, 78%
CMY	0.3452, 0.1764, 0.2236
CMYK	0.20, 0.00, 0.06, 0.18
HSL	163°, 32%, 74%
HSV	163°, 20%, 82%
XYZ	49.1723, 58.3908, 62.0931
YIQ	195.7750, -21.7760, -12.8480

Conversions

Conversions Part 2

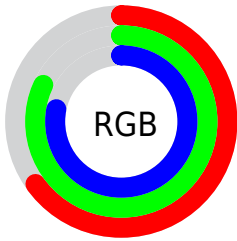
Format	Color
RYB	167, 192, 210
Decimal	10998470
CIELab	80.96, -16.52, 1.31
CIELCh	81, 16.576, 175.462
Yxy	58.3908, 0.2898, 0.3442
Android (android.graphics.Color)	4289188550 (0xFFA7D2C6)
YUV	195.7750, 1.0969, -25.2357
Hunter-Lab	76.4139, -18.8598, 5.3113

Details

The YIQ color **195.7750, -21.7760, -12.8480** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **181.2250, 21.7760, 12.8480**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **245.4320, -19.0720, -6.7840**, and **141.4870, -20.9050, -12.1130** is the 20% darker color. If you saturate the color by 10%, you get **188.8120, -32.3660, -19.1660**, and if you desaturate by 10%, it is **202.7380, -11.1860, -6.5300**.

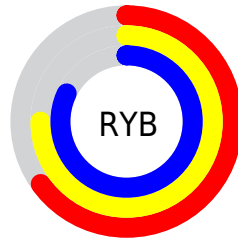
Distribution



Red (65%)

Green (82%)

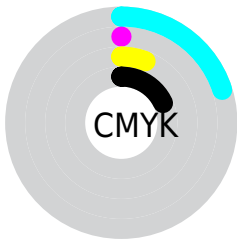
Blue (78%)



Red (65%)

Yellow (75%)

Blue (82%)

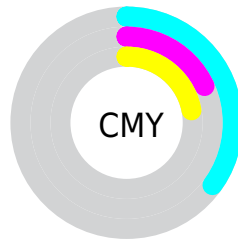


Cyan (20%)

Magenta (0%)

Yellow (6%)

Black (18%)



Cyan (35%)

Magenta (18%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.7750, -21.7760, -12.8480 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 195.7750, -21.7760, -12.8480 by changing the saturation by 10% instead.

■ 195.7750,
-21.7760, -12.8480

■ 195.7750,
-21.7760, -12.8480

■ 255.0000, -0.0000,
-0.0000

■ 168.1880,
-21.5010, -12.3250

■ 245.4320,
-19.0720, -6.7840

■ 141.4870,
-20.9050, -12.1130

■ 253.8040, -2.3840,
-0.8480

■ 115.9000,
-20.6300, -11.5900

■ 91.1990, -20.0340,
-11.3780

■ 67.1990, -20.0340,
-11.3780

■ 44.0140, -20.9510,
-11.2790

■ 23.6230, -18.2920,

-9.9080

■ 4.1090, -1.9250,
-3.6610

■ 0.0000, 0.0000,
0.0000

■ 195.7750,
-21.7760, -12.8480

■ 195.7750,
-21.7760, -12.8480

■ 188.8120,
-32.3660, -19.1660

■ 202.7380,
-11.1860, -6.5300

■ 181.8490,
-42.9560, -25.4840

■ 209.7010, -0.5960,
-0.2120

■ 174.8860,
-53.5460, -31.8020

■ 216.6640, 9.9940,
6.1060

■ 167.9230,
-64.1360, -38.1200

■ 223.5130, 20.9050,
12.1130

■ 161.0740,
-75.0470, -44.1270

■ 225.3930, 21.3630,
14.8270

■ 154.1110,
-85.6370, -50.4450

■ 226.0770, 19.4370,
16.6930

■ 147.1480,
-96.2270, -56.7630

■ 226.7610, 17.5110,
18.5590

■ 140.4840,
-106.2210, -62.8690

■ 227.4450, 15.5850,
20.4250

■ 228.1290, 13.6590,
22.2910

Harmonies

Analogous

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



197.0770, -8.0670, -13.4990



195.7750, -21.7760, -12.8480



195.8050, -30.4880, -9.1440

Triad

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



195.7750, -21.7760, -12.8480



202.4310, -8.1630, 10.2770



202.1140, 26.0420, 1.6100

Complementary

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



195.7750, -21.7760, -12.8480



181.2250, 21.7760, 12.8480

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.



203.5150, 26.5910, 8.1830



195.7750, -21.7760, -12.8480



203.7380, 7.1500, 13.5980

Square

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



195.7750, -21.7760, -12.8480



199.7280, -22.4210, 4.3550



204.4420, 19.6670, 12.5230



200.7770, 19.4410, -5.4150

Rectangle

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



195.7750, -21.7760, -12.8480



196.1410, -31.3140, -5.1860



204.4420, 19.6670, 12.5230



202.8800, 26.8210, 4.0130

Sweetspot

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



195.7750, -21.7760, -12.8480



250.0590, -7.6560, -4.4240



195.8290, -4.6730, -19.9450



124.9670, -4.4010, -2.8410



0.0000, 0.0000, 0.0000



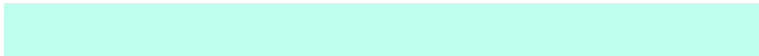
128.0000, -0.0000, -0.0000

Same Dimension

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



195.7750, -21.7760, -12.8480



233.8120, -32.3660, -19.1660



191.8600, -23.1530, -4.4090



101.3690, -5.5930, -3.2650



112.4100, -85.0410, -50.2330



27.3730, -20.5840, -12.4240

Inverse Universe

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



181.2250, 21.7760, 12.8480



212.1880, 32.3660, 19.1660



185.1400, 23.1530, 4.4090



97.6310, 5.5930, 3.2650



55.5900, 85.0410, 50.2330



13.5130, 20.9050, 12.1130

Previews

White Background



This preview shows how the YIQ color 195.7750, -21.7760, -12.8480 looks on a white background.

Color Contrast Check

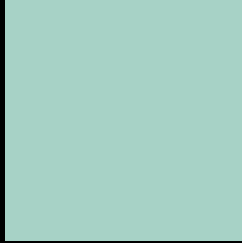
Large Text (above 18pt) WCAG AA × Fail

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 195.7750, -21.7760, -12.8480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

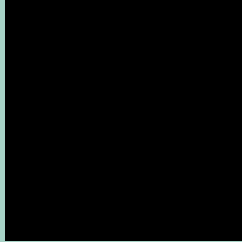
Any Text WCAG AA ✓ Pass

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 195.7750, -21.7760, -12.8480 Background



This preview shows how black text looks on a background with the YIQ color 195.7750, -21.7760, -12.8480.



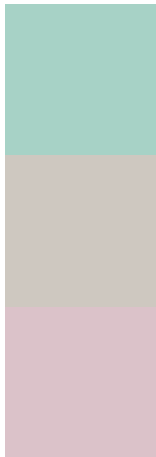
This preview shows how white text looks on a background with the YIQ color 195.7750, -21.7760, -12.8480.

-12.8480.

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

195.7750, -21.7760, -12.8480

Protanopia

200.8820, 6.1440, -1.2160

Deuteranopia

202.2730, 12.6530, 7.4770



Tritanopia

197.7720, -25.7210, -1.9210

Trichromacy



Original Color

195.7750, -21.7760, -12.8480

Protanomaly

199.2720, -3.9420, -5.6540

Deuteranomaly

200.0000, -0.0000, -0.0000

Tritanomaly

196.7350, -24.2990, -5.6670

Monochromacy



Original Color

195.7750, -21.7760, -12.8480

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

195.7600, -8.2520, -4.6360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.7750, -21.7760, -12.8480 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, 210, 198)` looks like.

```
.text, #text, p{  
    color:rgb(167, 210, 198)  
}
```

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, 210, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 210, 198) }
```

Border

The CSS property to change the border of an element to YIQ 195.7750, -21.7760, -12.8480 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, 210, 198) }
```


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

```
.border{ border-color:rgb(167, 210, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 210, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 210, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 210, 198);  
box-shadow:4px 4px 4px 4px rgb(167, 210,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 195.7750, -21.7760, -12.8480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 210, 198) }
```

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

```
.background{ background-color: rgb(167,  
210, 198) }
```

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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