

Converting Colors

YIQ(195.1970, -61.2510,
-18.8110)

Have a look what the booklet for
YIQ(195.1970, -61.2510, -18.8110)
contains.

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Color

**YIQ(195.1970, -61.2510,
-18.8110)**

Conversions

Conversions Part 1

Format	Color
Hex	7DE0E7
RGB	125, 224, 231
RGB Percent	49%, 88%, 91%
CMY	0.5100, 0.1214, 0.0944
CMYK	0.46, 0.03, 0.00, 0.09
HSL	184°, 69%, 70%
HSV	184°, 46%, 91%
XYZ	49.5305, 63.4552, 85.1919
YIQ	195.1970, -61.2510, -18.8110

Conversions

Conversions Part 2

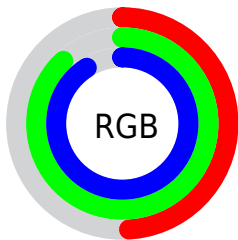
Format	Color
RYB	125, 176, 231
Decimal	8249575
CIELab	83.68, -27.30, -12.43
CIELCh	84, 29.997, 204.478
Yxy	63.4552, 0.2499, 0.3202
Android (android.graphics.Color)	4286439655 (0xFF7DE0E7)
YUV	195.1970, 17.6509, -61.5628
Hunter-Lab	79.6588, -28.4144, -7.6472

Details

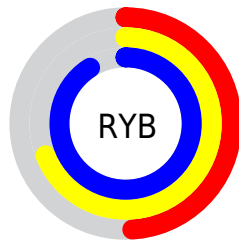
The YIQ color **195.1970, -61.2510, -18.8110** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **160.8030, 61.2510, 18.8110**, and the grayscale version is **195.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **233.4720, -42.9120, -15.2640**, and **138.0010, -63.6350, -19.6590** is the 20% darker color. If you saturate the color by 10%, you get **187.7330, -74.6840, -23.1640**, and if you desaturate by 10%, it is **203.2480, -48.0930, -14.9810**.

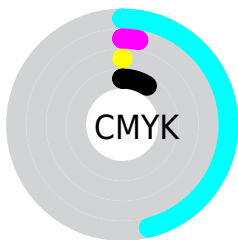
Distribution



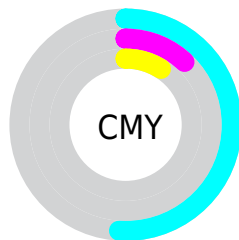
- Red (49%)
- Green (88%)
- Blue (91%)



- Red (49%)
- Yellow (69%)
- Blue (91%)



- Cyan (46%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (51%)
- Magenta (12%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.1970, -61.2510, -18.8110 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 195.1970, -61.2510, -18.8110 by changing the saturation by 10% instead.

■ 195.1970,
-61.2510, -18.8110

■ 195.1970,
-61.2510, -18.8110

■ 255.0000, -0.0000,
-0.0000

■ 166.8980,
-61.8470, -19.0230

■ 233.4720,
-42.9120, -15.2640

■ 138.0010,
-63.6350, -19.6590

■ 242.4420,
-25.0320, -8.9040

■ 108.1140,
-71.3830, -22.4150

■ 251.4120, -7.1520,
-2.5440

■ 82.1140, -71.3830,
-22.4150

■ 64.5890, -56.4830,
-17.1150

■ 47.7650, -42.1790,
-12.0270

■ 31.7560, -28.7920,

-6.8400

■ 16.4480, -16.0010,
-1.8650

■ 0.4560, -1.2840,
1.2440

■ 195.1970,
-61.2510, -18.8110

■ 195.1970,
-61.2510, -18.8110

■ 187.7330,
-74.6840, -23.1640

■ 203.2480,
-48.0930, -14.9810

■ 179.6820,
-87.8420, -26.9940

■ 210.7120,
-34.6600, -10.6280

■ 172.2180,
-101.2750, -31.3470

■ 218.7630,
-21.5020, -6.7980

■ 164.1670,
-114.4330, -35.1770

■ 226.2270, -8.0690,
-2.4450

■ 156.4040,
-128.4620, -39.7420

■ 234.2780, 5.0890,
1.3850

■ 153.1260,
-133.5510, -41.1270

■ 239.3500, 13.7540,
4.0420

■ 240.5240, 13.2040,
2.9960

■ 241.1110, 12.9290,
2.4730

■ 242.2850, 12.3790,
1.4270

Harmonies

Analogous

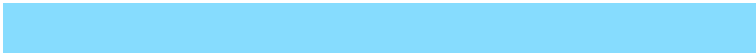
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



196.9740, -41.8100, -24.2260



195.1970, -61.2510, -18.8110



198.1620, -62.1700, -7.6580

Triad

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



195.1970, -61.2510, -18.8110



213.2260, 12.0080, 24.6800



207.7430, 33.9760, -10.0240

Complementary

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



195.1970, -61.2510, -18.8110



160.8030, 61.2510, 18.8110

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.



209.9930, 45.4360, 2.5560



195.1970, -61.2510, -18.8110



211.1110, 31.2650, 22.6010

Square

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



195.1970, -61.2510, -18.8110



209.8250, -14.9040, 16.8080



208.5060, 39.9780, 13.3700



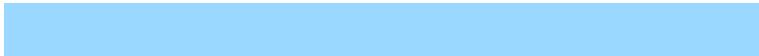
204.8110, 12.9330, -19.6350

Rectangle

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



195.1970, -61.2510, -18.8110



201.9080, -49.4710, -1.0150



208.5060, 39.9780, 13.3700



208.9010, 39.5230, -5.9250

Sweetspot

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



195.1970, -61.2510, -18.8110



243.0620, -20.9060, -6.5860



187.7920, -30.7550, -53.8830



120.2480, -12.5620, -3.6180



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.



195.1970, -61.2510, -18.8110



207.8570, -80.9650, -24.9730



165.2600, -47.2260, 7.8620



110.8250, -6.8770, -2.0210



118.4350, -103.3840, -31.6720



33.9900, -29.5710, -9.2430

Inverse Universe

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



167.9800, 31.3970, 53.2610



171.7940, 41.3890, 70.4210



190.7400, 47.2260, -7.8620



107.8420, 3.6210, 5.9650



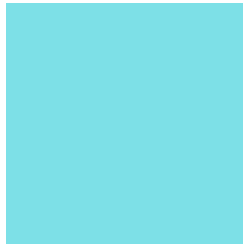
72.5590, 53.0770, 89.8850



20.7210, 14.9880, 25.7400

Previews

White Background



This preview shows how the YIQ color 195.1970, -61.2510, -18.8110 looks on a white background.

Color Contrast Check

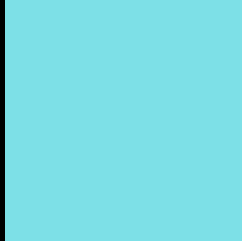
Large Text (above 18pt) WCAG AA × Fail

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 195.1970, -61.2510, -18.8110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

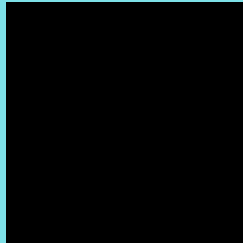
Any Text WCAG AA ✓ Pass

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 195.1970, -61.2510, -18.8110 Background



This preview shows how black text looks on a background with the YIQ color 195.1970, -61.2510, -18.8110.



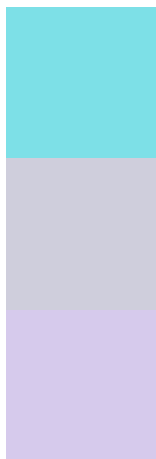
This preview shows how white text looks on a background with the YIQ color 195.1970, -61.2510, -18.8110.

-18.8110.

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

195.1970, -61.2510, -18.8110

Protanopia

207.8950, -3.8980, 4.5660

Deuteranopia

209.4640, -3.7620, 13.1180



Tritanopia

196.6470, -62.3980, -14.5420

Trichromacy



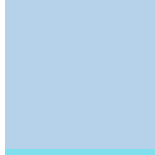
Original Color

195.1970, -61.2510, -18.8110



Protanomaly

203.4900, -24.9870, -4.2110



Deuteranomaly

204.3640, -24.3920, 1.5280



Tritanomaly

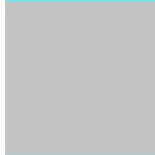
195.8920, -61.7100, -15.9980

Monochromacy



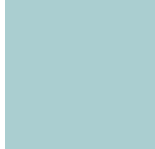
Original Color

195.1970, -61.2510, -18.8110



Achromatopsia

195.0000, -0.0000, 0.0000



Achromatomaly

195.4640, -22.0980, -7.0100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.1970, -61.2510, -18.8110 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(125, 224, 231)` looks like.

```
.text, #text, p{  
    color:rgb(125, 224, 231)  
}
```

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(125, 224, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 224, 231) }
```

Border

The CSS property to change the border of an element to YIQ 195.1970, -61.2510, -18.8110 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(125, 224, 231) }
```


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

```
.border{ border-color:rgb(125, 224, 231) }
```

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

Here you see how a box with a 4 pixel rgb(125, 224, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 224, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 224, 231);  
box-shadow:4px 4px 4px 4px rgb(125, 224,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 195.1970, -61.2510, -18.8110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 224, 231) }
```

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

```
.background{ background-color: rgb(125,  
224, 231) }
```

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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