

Converting Colors

YIQ(229.1510, -10.9110,
-6.0070)

Have a look what the booklet for
YIQ(229.1510, -10.9110, -6.0070)
contains.

YIQ(229.1510, -10.9110, -6.0070)	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(229.1510, -10.9110,
-6.0070)**

Conversions

Conversions Part 1

Format	Color
Hex	D7ECE7
RGB	215, 236, 231
RGB Percent	84%, 93%, 91%
CMY	0.1569, 0.0745, 0.0942
CMYK	0.09, 0.00, 0.02, 0.07
HSL	166°, 36%, 88%
HSV	166°, 9%, 93%
XYZ	72.4407, 80.2100, 87.2579
YIQ	229.1510, -10.9110, -6.0070

Conversions

Conversions Part 2

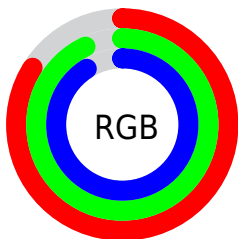
Format	Color
R _{YB}	215, 227, 236
Decimal	14150887
CIE Lab	91.78, -7.84, 0.05
CIE LCh	92, 7.843, 179.600
Yxy	80.2100, 0.3020, 0.3343
Android (android.graphics.Color)	4292340967 (0xFFD7ECE7)
YUV	229.1510, 0.9116, -12.4104
Hunter-Lab	89.5600, -12.3501, 4.9260

Details

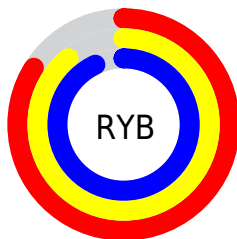
The YIQ color $229.1510, -10.9110, -6.0070$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $221.8490, 10.9110, 6.0070$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $173.4500, -10.3150, -5.7950$ is the 20% darker color. If you saturate the color by 10%, you get $221.2910, -23.2890, -12.9610$, and if you desaturate by 10%, it is $237.0110, 1.4670, 0.9470$.

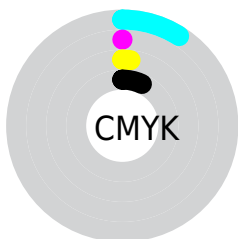
Distribution



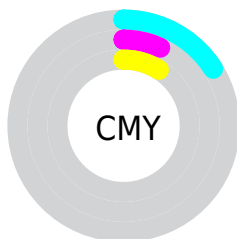
- Red (84%)
- Green (93%)
- Blue (91%)



- Red (84%)
- Yellow (89%)
- Blue (93%)



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)
- Black (7%)



- Cyan (16%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.1510, -10.9110, -6.0070 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 229.1510, -10.9110, -6.0070 by changing the saturation by 10% instead.

■ 229.1510,
-10.9110, -6.0070

■ 229.1510,
-10.9110, -6.0070

255.0000, -0.0000,
-0.0000

■ 201.1510,
-10.9110, -6.0070

■ 173.4500,
-10.3150, -5.7950

■ 146.8630,
-10.0400, -5.2720

■ 121.1620, -9.4440,
-5.0600

■ 96.1620, -9.4440,
-5.0600

■ 72.4610, -8.8480,
-4.8480

■ 50.4610, -8.8480,

-4.8480

■ 28.8740, -8.5730,
-4.3250

■ 7.7280, -5.2260,
-4.4100

■ 229.1510,
-10.9110, -6.0070

■ 229.1510,
-10.9110, -6.0070

■ 221.2910,
-23.2890, -12.9610

■ 237.0110, 1.4670,
0.9470

■ 213.8440,
-35.3920, -19.3920

■ 242.3650, 9.3980,
5.8940

■ 205.9840,
-47.7700, -26.3460

■ 243.0490, 7.4720,
7.7600

■ 198.4230,
-59.5520, -33.0880

■ 243.7330, 5.5460,
9.6260

■ 190.6770,
-72.2510, -39.7310

■ 243.8470, 5.2250,
9.9370

■ 182.8170,
-84.6290, -46.6850

■ 175.3700,
-96.7320, -53.1160

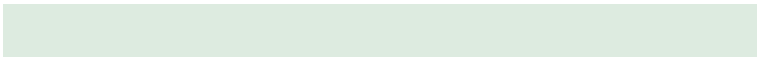
■ 167.5100,
-109.1100, -60.0700

■ 159.9490,
-120.8920, -66.8120

Harmonies

Analogous

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



229.5600, -4.8130, -6.3890



229.1510, -10.9110, -6.0070



229.4650, -14.6710, -3.9430

Triad

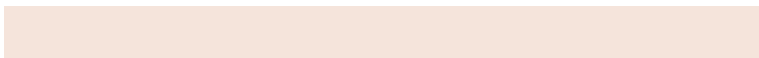
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.1510, -10.9110, -6.0070



232.4930, -2.7060, 4.9900



232.0570, 13.0210, 0.8050

Complementary

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



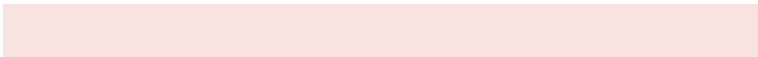
229.1510, -10.9110, -6.0070



221.8490, 10.9110, 6.0070

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.



232.9370, 13.4790, 3.5190



229.1510, -10.9110, -6.0070



232.5540, 4.4920, 6.7000

Square

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



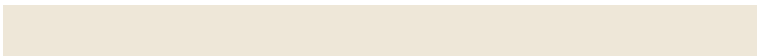
229.1510, -10.9110, -6.0070



231.2040, -9.2620, 2.6580



232.9630, 10.5900, 6.3180



231.3830, 8.9870, -3.1810

Rectangle

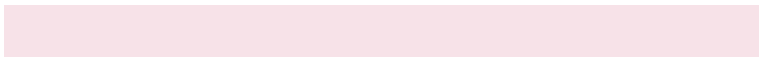
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



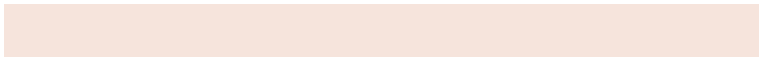
229.1510, -10.9110, -6.0070



229.9320, -14.4880, -1.7520



232.9630, 10.5900, 6.3180



232.4700, 13.2960, 1.3280

Sweetspot

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



229.1510, -10.9110, -6.0070



252.3800, -4.1260, -2.3180



228.8220, -2.7950, -9.9230



125.9780, -2.9340, -1.8940



0.0000, 0.0000, 0.0000



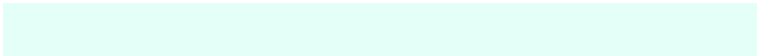
128.0000, -0.0000, -0.0000

Same Dimension

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



229.1510, -10.9110, -6.0070



245.8300, -14.4410, -8.1130



226.7860, -11.1410, -1.8370



113.3690, -5.5930, -3.2650



121.9790, -94.0730, -51.7450



36.3720, -28.0110, -15.4910

Inverse Universe

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



221.8490, 10.9110, 6.0070



236.1700, 14.4410, 8.1130



224.2140, 11.1410, 1.8370



109.5170, 5.9140, 2.9540



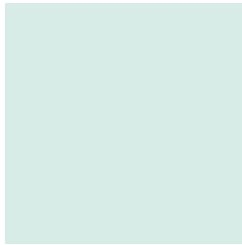
59.0210, 94.0730, 51.7450



17.6280, 28.0110, 15.4910

Previews

White Background



This preview shows how the YIQ color 229.1510, -10.9110, -6.0070 looks on a white background.

Color Contrast Check

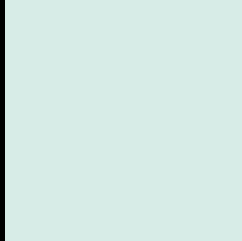
Large Text (above 18pt) WCAG AA × Fail

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 229.1510, -10.9110, -6.0070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

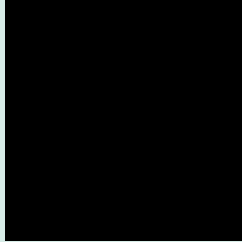
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

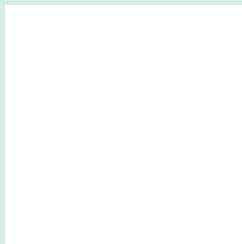
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 229.1510, -10.9110, -6.0070

Background



This preview shows how black text looks on a background with the YIQ color 229.1510, -10.9110, -6.0070.



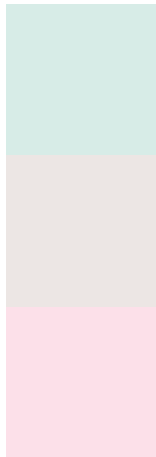
This preview shows how white text looks on a background with the YIQ color 229.1510, -10.9110, -6.0070.

-6.0070.

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

229.1510, -10.9110, -6.0070

Protanopia

231.5660, 4.2180, 0.6500

Deuteranopia

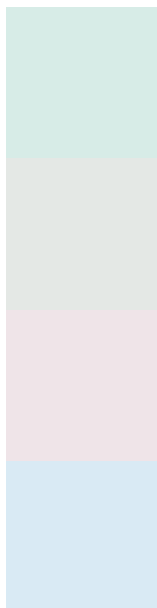
233.3980, 13.7990, 8.7350



Tritanopia

230.5670, -14.7180, 2.4180

Trichromacy



Original Color

229.1510, -10.9110, -6.0070

Protanomaly

230.4620, -1.4210, -1.7810

Deuteranomaly

231.7450, 5.2720, 3.5760

Tritanomaly

230.0570, -13.3420, -0.4940

Monochromacy



Original Color

229.1510, -10.9110, -6.0070

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

229.3800, -4.1260, -2.3180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.1510, -10.9110, -6.0070 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(215, 236, 231)` looks like.

```
.text, #text, p{  
    color:rgb(215, 236, 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(215, 236, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 236, 231) }
```

Border

The CSS property to change the border of an element to YIQ 229.1510, -10.9110, -6.0070 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(215, 236, 231) }
```


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

```
.border{ border-color:rgb(215, 236, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 236, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 236, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 236, 231);  
box-shadow:4px 4px 4px 4px rgb(215, 236,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 229.1510, -10.9110, -6.0070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 236, 231) }
```

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

```
.background{ background-color: rgb(215,  
236, 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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