

Converting Colors

YIQ(219.9710, 14.9980,
-29.5300)

Have a look what the booklet for
YIQ(219.9710, 14.9980, -29.5300)
contains.

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Color

**YIQ(219.9710, 14.9980,
-29.5300)**

Conversions

Conversions Part 1

Format	Color
Hex	D8EB99
RGB	216, 235, 153
RGB Percent	85%, 92%, 60%
CMY	0.1530, 0.0784, 0.3999
CMYK	0.08, 0.00, 0.35, 0.08
HSL	74°, 67%, 76%
HSV	74°, 35%, 92%
XYZ	63.7746, 76.3172, 41.5200
YIQ	219.9710, 14.9980, -29.5300

Conversions

Conversions Part 2

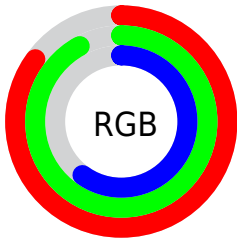
Format	Color
RYB	153, 235, 172
Decimal	14216089
CIELab	90.01, -19.19, 37.74
CIELCh	90, 42.339, 116.959
Yxy	76.3172, 0.3512, 0.4202
Android (android.graphics.Color)	4292406169 (0xFFD8EB99)
YUV	219.9710, -33.0167, -3.4826
Hunter-Lab	87.3597, -22.5706, 32.9727

Details

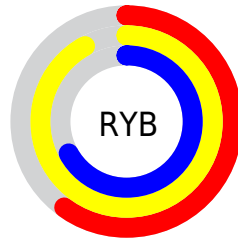
The YIQ color $219.9710, 14.9980, -29.5300$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $168.0290, -14.9980, 29.5300$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.6420, 15.0870, -14.6170$, and $164.4270, 13.7140, -28.2860$ is the 20% darker color. If you saturate the color by 10%, you get $215.8540, 19.4010, -37.7430$, and if you desaturate by 10%, it is $224.2020, 10.2740, -21.0060$.

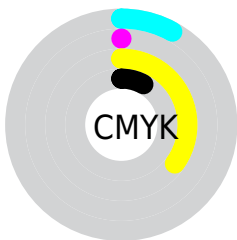
Distribution



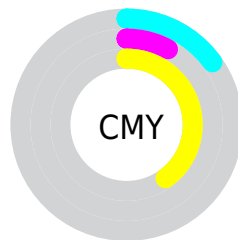
- Red (85%)
- Green (92%)
- Blue (60%)



- Red (60%)
- Yellow (92%)
- Blue (67%)



- Cyan (8%)
- Magenta (0%)
- Yellow (35%)
- Black (8%)





- Cyan (15%)
- Magenta (8%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 219.9710, 14.9980, -29.5300 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 219.9710, 14.9980, -29.5300 by changing the saturation by 10% instead.


 219.9710, 14.9980,
-29.5300


 219.9710, 14.9980,
-29.5300


255.0000, -0.0000,
-0.0000


 192.1990, 14.3560,
-28.9080


 249.6420, 15.0870,
-14.6170


 164.4270, 13.7140,
-28.2860

 252.9480, 5.7780,
-5.5980

 137.6550, 13.0720,
-27.6640

 112.3560, 12.4760,
-27.8760

 86.8830, 12.4300,
-27.0420

 62.2420, 12.7970,
-28.1870

 42.4510, 5.1390,

-21.5570

■ 20.8660, -6.0950,
-16.1990

■ 0.0000, 0.0000,
0.0000

■ 219.9710, 14.9980,
-29.5300

■ 219.9710, 14.9980,
-29.5300

■ 215.8540, 19.4010,
-37.7430

■ 224.2020, 10.2740,
-21.0060

■ 211.3240, 23.5290,
-46.4790

■ 228.6180, 6.4670,
-12.5810

■ 207.2070, 27.9320,
-54.6920

■ 232.8490, 1.7430,
-4.0570

■ 202.6770, 32.0600,
-63.4280

■ 237.2650, -2.0640,
4.3680

■ 198.5600, 36.4630,
-71.6410

■ 239.6720, -1.6520,
7.9160

■ 194.0300, 40.5910,
-80.3770

■ 241.4660, 1.9240,
9.1880

■ 191.7650, 42.6550,
-84.7450

■ 242.9610, 4.9040,
10.2480

■ 243.2600, 5.5000,
10.4600

Harmonies

Analogous

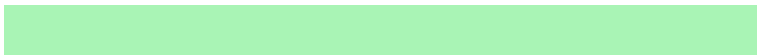
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223.0890, 44.3850, -16.9510



219.9710, 14.9980, -29.5300



214.3930, -24.4770, -35.4930

Triad

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



219.9710, 14.9980, -29.5300



201.6220, -87.6130, -25.6370



217.7450, 23.6080, 23.7040

Complementary

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



219.9710, 14.9980, -29.5300



168.0290, -14.9980, 29.5300

Split Complementary

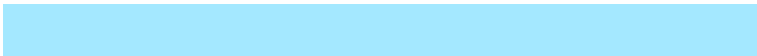
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.0630, 14.0250, 26.6730



219.9710, 14.9980, -29.5300



214.2900, -47.9110, -7.2630

Square

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



219.9710, 14.9980, -29.5300



198.8650, -101.7790, -33.2270



224.0230, -6.8340, 13.7260



214.3590, 35.8980, 10.2180

Rectangle

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



219.9710, 14.9980, -29.5300



208.9520, -53.9120, -36.1840



224.0230, -6.8340, 13.7260



219.9280, 18.8390, 27.5350

Sweetspot

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



219.9710, 14.9980, -29.5300



250.3560, 4.4490, -9.0470



188.0840, 43.9220, 7.9700



124.9800, 2.7520, -5.8240



0.0000, 0.0000, 0.0000



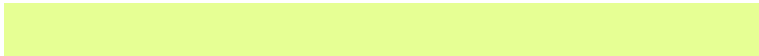
128.0000, -0.0000, -0.0000

Same Dimension

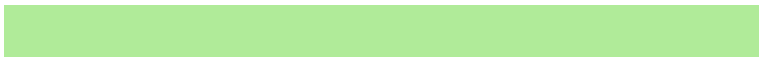
The Same Dimension uses a secret algorithm to generate beautiful new colors.



219.9710, 14.9980, -29.5300



235.3270, 19.4470, -38.5770



208.0110, -8.8420, -38.0100



115.1480, 2.3390, -3.8450



147.8080, 33.0690, -65.1950



43.9570, 9.5860, -19.5500

Inverse Universe

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



168.0290, -14.9980, 29.5300



167.6730, -19.4470, 38.5770



179.9890, 8.8420, 38.0100



107.8520, -2.3390, 3.8450



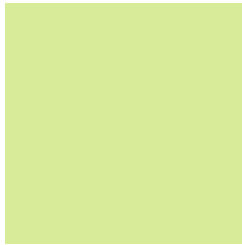
33.1920, -33.0690, 65.1950



9.7440, -10.1820, 19.3380

Previews

White Background



This preview shows how the YIQ color 219.9710, 14.9980, -29.5300 looks on a white background.

Color Contrast Check

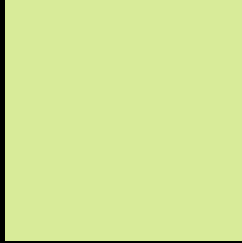
Large Text (above 18pt) WCAG AA × Fail

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 219.9710, 14.9980, -29.5300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

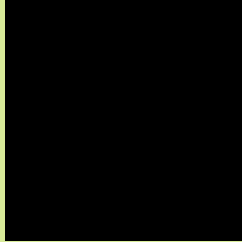
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 219.9710, 14.9980, -29.5300

Background



This preview shows how black text looks on a background with the YIQ color 219.9710, 14.9980, -29.5300.



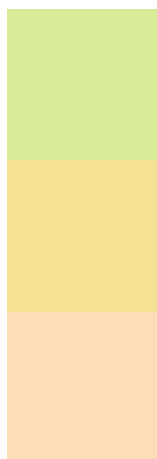
This preview shows how white text looks on a background with the YIQ color 219.9710, 14.9980,

-29.5300.

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

219.9710, 14.9980, -29.5300

Protanopia

222.9030, 36.0410, -19.9190

Deuteranopia

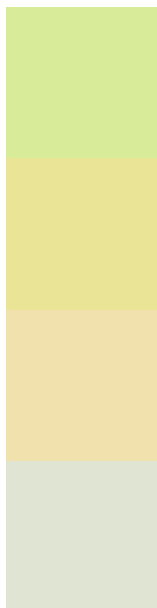
226.4750, 32.0950, -3.4650



Tritanopia

227.2480, -3.3940, 6.4460

Trichromacy



Original Color

219.9710, 14.9980, -29.5300

Protanomaly

221.4890, 28.3390, -23.5090

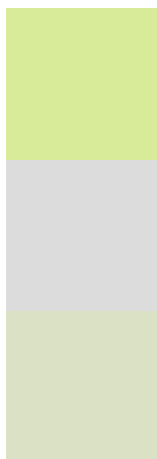
Deuteranomaly

223.8560, 26.2280, -12.7800

Tritanomaly

224.7520, 3.3940, -6.4460

Monochromacy



Original Color

219.9710, 14.9980, -29.5300

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.9000, 5.7330, -10.2910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.9710, 14.9980, -29.5300 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(216, 235, 153)` looks like.

```
.text, #text, p{  
    color:rgb(216, 235, 153)  
}
```

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(216, 235, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 235, 153) }
```

Border

The CSS property to change the border of an element to YIQ 219.9710, 14.9980, -29.5300 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(216, 235, 153) }
```


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

```
.border{ border-color:rgb(216, 235, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 235, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 235, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 235, 153);  
box-shadow:4px 4px 4px 4px rgb(216, 235,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 219.9710, 14.9980, -29.5300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 235, 153) }
```

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

```
.background{ background-color: rgb(216,  
235, 153) }
```

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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