

Converting Colors

YIQ(219.9700, 7.5710, -32.5970)

Have a look what the booklet for
YIQ(219.9700, 7.5710, -32.5970)
contains.

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Color

**YIQ(219.9700, 7.5710,
-32.5970)**

Conversions

Conversions Part 1

Format	Color
Hex	CFEF9C
RGB	207, 239, 156
RGB Percent	81%, 94%, 61%
CMY	0.1884, 0.0627, 0.3881
CMYK	0.13, 0.00, 0.35, 0.06
HSL	83°, 72%, 77%
HSV	83°, 35%, 94%
XYZ	62.5962, 77.4026, 43.1042
YIQ	219.9700, 7.5710, -32.5970

Conversions

Conversions Part 2

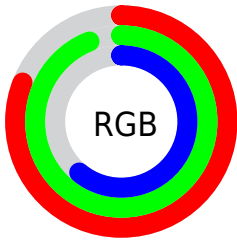
Format	Color
RYB	156, 239, 188
Decimal	13627292
CIELab	90.51, -24.06, 36.78
CIELCh	91, 43.951, 123.195
Yxy	77.4026, 0.3419, 0.4227
Android (android.graphics.Color)	4291817372 (0xFFCFEF9C)
YUV	219.9700, -31.5372, -11.3747
Hunter-Lab	87.9787, -26.9614, 32.5366

Details

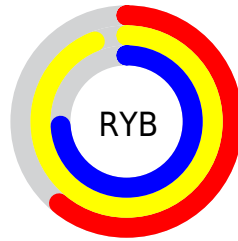
The YIQ color **219.9700, 7.5710, -32.5970** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **175.0300, -7.5710, 32.5970**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.9840, 14.1240, -13.6840**, and **164.7250, 6.8830, -31.1410** is the 20% darker color. If you saturate the color by 10%, you get **214.5430, 9.9110, -41.9690**, and if you desaturate by 10%, it is **225.3970, 5.2310, -23.2250**.

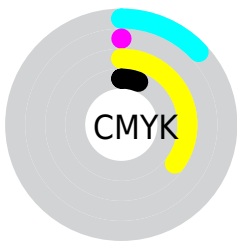
Distribution



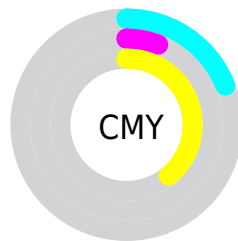
- Red (81%)
- Green (94%)
- Blue (61%)



- Red (61%)
- Yellow (94%)
- Blue (74%)



- Cyan (13%)
- Magenta (0%)
- Yellow (35%)
- Black (6%)




- Cyan (19%)
- Magenta (6%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.9700, 7.5710, -32.5970 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 219.9700, 7.5710, -32.5970 by changing the saturation by 10% instead.


 219.9700, 7.5710,
-32.5970

 219.9700, 7.5710,
-32.5970

255.0000, -0.0000,
-0.0000

 192.0840, 7.2500,
-32.2860


 249.9840, 14.1240,
-13.6840


 164.7250, 6.8830,
-31.1410

 253.2900, 4.8150,
-4.6650

 137.9530, 6.2410,
-30.5190

 112.0670, 5.9200,
-30.2080

 87.1810, 5.5990,
-29.8970

 61.9530, 6.2410,
-30.5190

 41.2330, -0.1790,

-24.2990

■ 21.1320, -9.9000,
-18.8280

■ 1.7610, -0.8250,
-1.5690

■ 219.9700, 7.5710,
-32.5970

■ 219.9700, 7.5710,
-32.5970

■ 214.5430, 9.9110,
-41.9690

■ 225.3970, 5.2310,
-23.2250

■ 209.1160, 12.2510,
-51.3410

■ 230.8240, 2.8910,
-13.8530

■ 203.3900, 13.9950,
-60.9250

■ 236.5500, 1.1470,
-4.2690

■ 197.9630, 16.3350,
-70.2970

■ 241.9770, -1.1930,
5.1030

■ 192.6500, 18.3540,
-79.3580

■ 245.0100, 3.2080,
7.9440

■ 187.2230, 20.6940,
-88.7300

■ 245.6080, 4.4000,
8.3680

■ 184.2460, 21.8870,
-93.8330

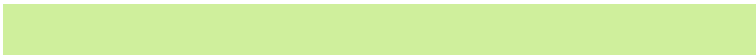
Harmonies

Analogous

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



224.8990, 41.8640, -20.8240



219.9700, 7.5710, -32.5970



213.3640, -34.7010, -37.4290

Triad

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



219.9700, 7.5710, -32.5970



203.1170, -84.6330, -24.5770



216.3600, 26.1300, 22.0500

Complementary

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



219.9700, 7.5710, -32.5970



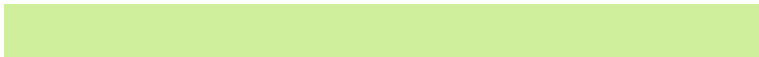
175.0300, -7.5710, 32.5970

Split Complementary

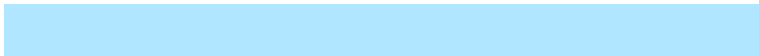
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223.8890, 14.5750, 27.7190



219.9700, 7.5710, -32.5970



216.7040, -40.2090, -3.6730

Square

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



219.9700, 7.5710, -32.5970



195.5650, -109.8020, -36.5060



226.7360, 1.4640, 17.5280



214.6210, 37.9160, 6.6840

Rectangle

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



219.9700, 7.5710, -32.5970



207.5530, -65.9700, -37.9220



226.7360, 1.4640, 17.5280



218.5430, 21.3610, 25.8810

Sweetspot

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



219.9700, 7.5710, -32.5970



249.1600, 2.0650, -9.8950



199.6010, 40.6680, 0.8600



124.3820, 1.5600, -6.2480



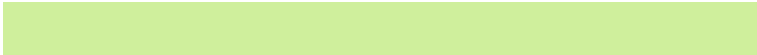
0.0000, 0.0000, 0.0000



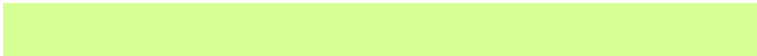
128.0000, -0.0000, -0.0000

Same Dimension

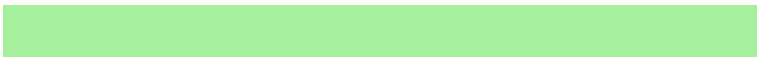
The Same Dimension uses a secret algorithm to generate beautiful new colors.



219.9700, 7.5710, -32.5970



230.5430, 9.9110, -41.9690



207.7110, -16.8650, -41.2890



117.1370, 0.8720, -4.7920



141.7950, 16.7480, -72.2760



43.0380, 4.8640, -22.0800

Inverse Universe

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



175.0300, -7.5710, 32.5970



172.4570, -9.9110, 41.9690



187.2890, 16.8650, 41.2890



110.5640, -1.4680, 4.5800



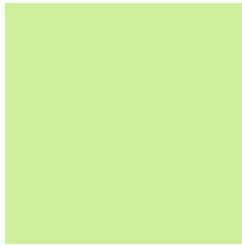
42.2050, -16.7480, 72.2760



12.9620, -4.8640, 22.0800

Previews

White Background



This preview shows how the YIQ color 219.9700, 7.5710, -32.5970 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 219.9700, 7.5710, -32.5970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

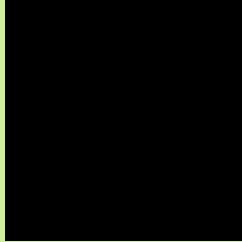
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

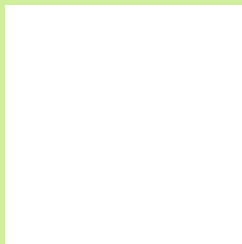
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 219.9700, 7.5710, -32.5970

Background



This preview shows how black text looks on a background with the YIQ color 219.9700, 7.5710, -32.5970.



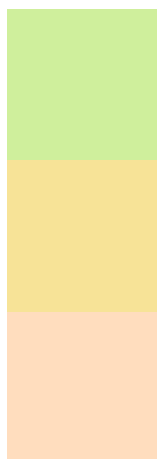
This preview shows how white text looks on a background with the YIQ color 219.9700, 7.5710, -32.5970.

-32.5970.

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

219.9700, 7.5710, -32.5970

Protanopia

224.3160, 36.3160, -19.3960

Deuteranopia

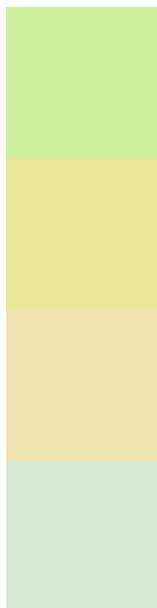
227.6320, 30.2150, -2.4330



Tritanopia

227.3610, -11.1420, 3.6900

Trichromacy



Original Color

219.9700, 7.5710, -32.5970

Protanomaly

222.4070, 25.6340, -24.0460

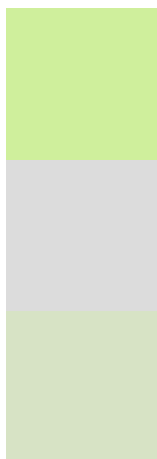
Deuteranomaly

225.2900, 22.0100, -13.4300

Tritanomaly

224.7510, -4.0330, -9.5130

Monochromacy



Original Color

219.9700, 7.5710, -32.5970

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.9920, 2.4780, -11.8740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.9700, 7.5710, -32.5970 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(207, 239, 156)` looks like.

```
.text, #text, p{  
    color:rgb(207, 239, 156)  
}
```

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(207, 239, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 239, 156) }
```

Border

The CSS property to change the border of an element to YIQ 219.9700, 7.5710, -32.5970 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(207, 239, 156) }
```


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

```
.border{ border-color:rgb(207, 239, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 239, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 239, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 239, 156);  
box-shadow:4px 4px 4px 4px rgb(207, 239,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 219.9700, 7.5710, -32.5970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 239, 156) }
```

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

```
.background{ background-color: rgb(207,  
239, 156) }
```

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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