

Converting Colors

YIQ(222.6910, 4.2230, -26.9850)

Have a look what the booklet for
YIQ(222.6910, 4.2230, -26.9850)
contains.

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Color

**YIQ(222.6910, 4.2230,
-26.9850)**

Conversions

Conversions Part 1

Format	Color
Hex	D2EFAC
RGB	210, 239, 172
RGB Percent	82%, 94%, 67%
CMY	0.1766, 0.0627, 0.3254
CMYK	0.12, 0.00, 0.28, 0.06
HSL	86°, 68%, 81%
HSV	86°, 28%, 94%
XYZ	64.8884, 78.4168, 50.7545
YIQ	222.6910, 4.2230, -26.9850

Conversions

Conversions Part 2

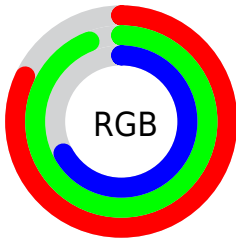
Format	Color
RYB	172, 239, 201
Decimal	13823916
CIELab	90.97, -20.81, 29.36
CIElCh	91, 35.987, 125.334
Yxy	78.4168, 0.3344, 0.4041
Android (android.graphics.Color)	4292013996 (0xFFD2EFAC)
YUV	222.6910, -24.9907, -11.1300
Hunter-Lab	88.5532, -24.1703, 28.0051

Details

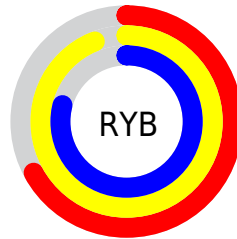
The YIQ color $222.6910, 4.2230, -26.9850$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $188.3090, -4.2230, 26.9850$, and the grayscale version is $223.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $251.9220, 8.6670, -8.3970$, and $167.3320, 3.8560, -25.8400$ is the 20% darker color. If you saturate the color by 10%, you get $216.9650, 5.9670, -36.5690$, and if you desaturate by 10%, it is $228.4170, 2.4790, -17.4010$.

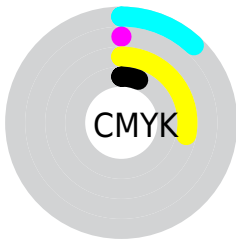
Distribution



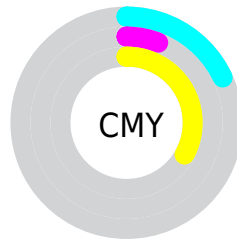
- Red (82%)
- Green (94%)
- Blue (67%)



- Red (67%)
- Yellow (94%)
- Blue (79%)



- Cyan (12%)
- Magenta (0%)
- Yellow (28%)
- Black (6%)





- Cyan (18%)
- Magenta (6%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.6910, 4.2230, -26.9850 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 222.6910, 4.2230, -26.9850 by changing the saturation by 10% instead.

 222.6910, 4.2230,
-26.9850

 222.6910, 4.2230,
-26.9850

255.0000, -0.0000,
-0.0000

 194.8050, 3.9020,
-26.6740


 251.9220, 8.6670,
-8.3970

 167.3320, 3.8560,
-25.8400

 140.5600, 3.2140,
-25.2180

 115.0870, 3.1680,
-24.3840

 90.2010, 2.8470,
-24.0730

 65.7280, 2.8010,
-23.2390

 42.7280, 2.8010,

-23.2390

■ 22.6270, -6.9200,
-17.7680

■ 4.1090, -1.9250,
-3.6610

■ 222.6910, 4.2230,
-26.9850

■ 222.6910, 4.2230,
-26.9850

■ 216.9650, 5.9670,
-36.5690

■ 228.4170, 2.4790,
-17.4010

■ 210.9400, 7.1150,
-46.3650

■ 234.4420, 1.3310,
-7.6050

■ 205.2140, 8.8590,
-55.9490

■ 240.1680, -0.4130,
1.9790

■ 199.4880, 10.6030,
-65.5330

■ 244.4120, 2.0160,
7.5200

■ 193.5770, 11.4300,
-75.0180

■ 245.6080, 4.4000,
8.3680

■ 187.8510, 13.1740,
-84.6020

■ 181.8260, 14.3220,
-94.3980

■ 180.6580, 14.7350,
-96.3770

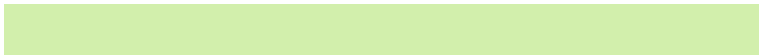
Harmonies

Analogous

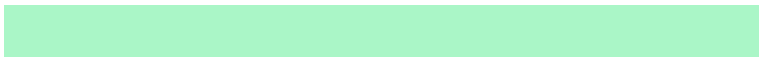
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226.8150, 33.4730, -17.4310



222.6910, 4.2230, -26.9850



217.9180, -30.2090, -30.7290

Triad

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



222.6910, 4.2230, -26.9850



213.6040, -60.8390, -15.2630



221.5290, 23.9760, 17.0320

Complementary

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



222.6910, 4.2230, -26.9850



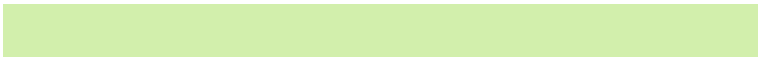
188.3090, -4.2230, 26.9850

Split Complementary

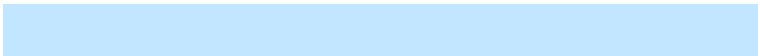
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.4110, 12.9250, 24.5810



222.6910, 4.2230, -26.9850



222.0860, -29.4810, 0.1430

Square

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



222.6910, 4.2230, -26.9850



210.2380, -77.6640, -24.2240



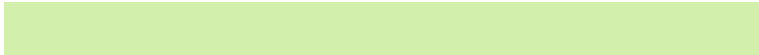
229.3940, 2.4270, 16.5950



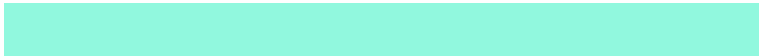
219.5280, 33.7440, 5.2000

Rectangle

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



222.6910, 4.2230, -26.9850



214.2390, -53.0420, -29.9220



229.3940, 2.4270, 16.5950



222.8970, 20.1240, 20.7640

Sweetspot

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



222.6910, 4.2230, -26.9850



250.0290, 1.0560, -8.1280



209.0560, 31.9570, -0.9630



124.7240, 0.5970, -5.3150



0.0000, 0.0000, 0.0000



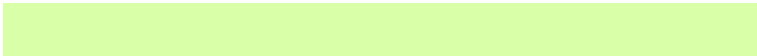
128.0000, -0.0000, -0.0000

Same Dimension

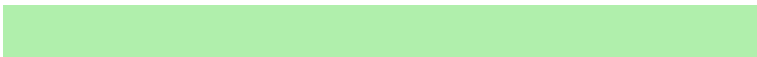
The Same Dimension uses a secret algorithm to generate beautiful new colors.



222.6910, 4.2230, -26.9850



233.7200, 5.2790, -35.1130



212.5250, -16.0410, -34.1930



117.1370, 0.8720, -4.7920



139.1040, 11.3840, -74.1840



42.4400, 3.6720, -22.5040

Inverse Universe

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



188.3090, -4.2230, 26.9850



189.2800, -5.2790, 35.1130



198.4750, 16.0410, 34.1930



110.8630, -0.8720, 4.7920



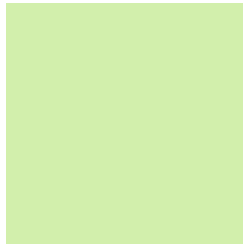
44.8960, -11.3840, 74.1840



13.5600, -3.6720, 22.5040

Previews

White Background



This preview shows how the YIQ color 222.6910, 4.2230, -26.9850 looks on a white background.

Color Contrast Check

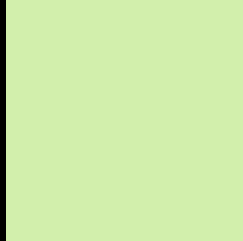
Large Text (above 18pt) WCAG AA × Fail

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 222.6910, 4.2230, -26.9850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

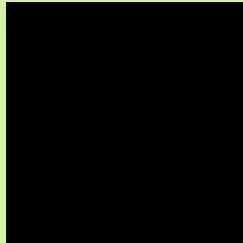
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

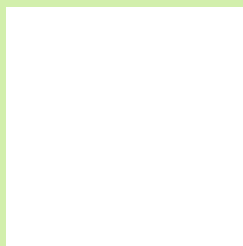
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 222.6910, 4.2230, -26.9850

Background



This preview shows how black text looks on a background with the YIQ color 222.6910, 4.2230, -26.9850.



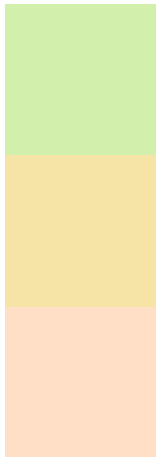
This preview shows how white text looks on a background with the YIQ color 222.6910, 4.2230, -26.9850.

-26.9850.

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

222.6910, 4.2230, -26.9850

Protanopia

226.4280, 30.3090, -15.1550

Deuteranopia

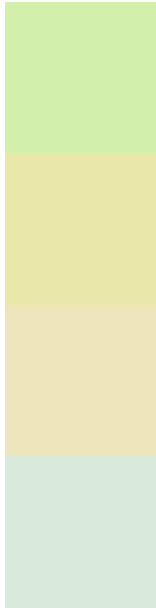
229.6040, 27.4180, -1.3020



Tritanopia

228.6600, -10.5460, 3.9020

Trichromacy



Original Color

222.6910, 4.2230, -26.9850

Protanomaly

225.1170, 20.8190, -19.3810

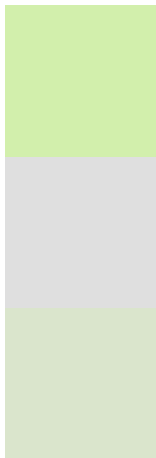
Deuteranomaly

227.3160, 19.1210, -10.6310

Tritanomaly

226.7340, -5.3630, -7.4350

Monochromacy



Original Color

222.6910, 4.2230, -26.9850

Achromatopsia

223.0000, -0.0000, -0.0000

Achromatomaly

222.8610, 1.4690, -10.1070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.6910, 4.2230, -26.9850 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(210, 239, 172)` looks like.

```
.text, #text, p{  
    color:rgb(210, 239, 172)  
}
```

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(210, 239, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 239, 172) }
```

Border

The CSS property to change the border of an element to YIQ 222.6910, 4.2230, -26.9850 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(210, 239, 172) }
```


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

```
.border{ border-color:rgb(210, 239, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 239, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 239, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 239, 172);  
box-shadow:4px 4px 4px 4px rgb(210, 239,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 222.6910, 4.2230, -26.9850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 239, 172) }
```

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

```
.background{ background-color: rgb(210,  
239, 172) }
```

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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