

Converting Colors

YIQ(222.5210, 8.1180, -14.9700)

Have a look what the booklet for
YIQ(222.5210, 8.1180, -14.9700)
contains.

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Color

**YIQ(222.5210, 8.1180,
-14.9700)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE6BC
RGB	221, 230, 188
RGB Percent	87%, 90%, 74%
CMY	0.1334, 0.0980, 0.2627
CMYK	0.04, 0.00, 0.18, 0.10
HSL	73°, 46%, 82%
HSV	73°, 18%, 90%
XYZ	67.1918, 75.5975, 58.6367
YIQ	222.5210, 8.1180, -14.9700

Conversions

Conversions Part 2

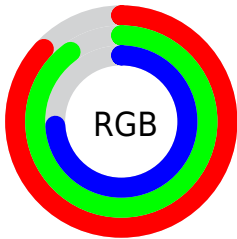
Format	Color
R _{YB}	188, 230, 197
Decimal	14542524
CIE Lab	89.67, -10.07, 19.48
CIE LCh	90, 21.926, 117.342
Yxy	75.5975, 0.3336, 0.3753
Android (android.graphics.Color)	4292732604 (0xFFDDE6BC)
YUV	222.5210, -17.0189, -1.3339
Hunter-Lab	86.9468, -14.2135, 20.8778

Details

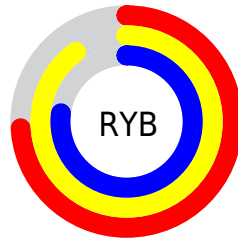
The YIQ color $222.5210, 8.1180, -14.9700$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $195.4790, -8.1180, 14.9700$, and the grayscale version is $223.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $253.7460, 3.5310, -3.4210$, and $167.7490, 7.4760, -14.3480$ is the 20% darker color. If you saturate the color by 10%, you get $218.4040, 12.5210, -23.1830$, and if you desaturate by 10%, it is $226.6380, 3.7150, -6.7570$.

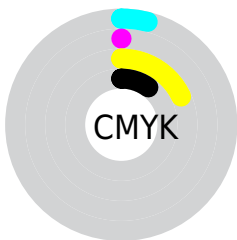
Distribution



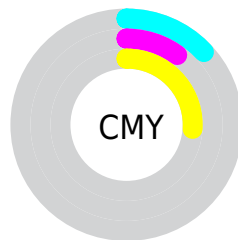
- Red (87%)
- Green (90%)
- Blue (74%)



- Red (74%)
- Yellow (90%)
- Blue (77%)



- Cyan (4%)
- Magenta (0%)
- Yellow (18%)
- Black (10%)



- Cyan (13%)
- Magenta (10%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.5210, 8.1180, -14.9700 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 222.5210, 8.1180, -14.9700 by changing the saturation by 10% instead.

■ 222.5210, 8.1180,
-14.9700

■ 222.5210, 8.1180,
-14.9700

255.0000, -0.0000,
-0.0000

■ 194.6350, 7.7970,
-14.6590

■ 253.7460, 3.5310,
-3.4210

■ 167.7490, 7.4760,
-14.3480

■ 140.8630, 7.1550,
-14.0370

■ 115.0910, 6.5130,
-13.4150

■ 90.5040, 6.7880,
-12.8920

■ 67.3190, 5.8710,
-12.7930

■ 44.5470, 5.2290,

-12.1710

■ 24.4870, 5.4580,
-10.8140

■ 0.0000, 0.0000,
0.0000

■ 222.5210, 8.1180,
-14.9700

■ 222.5210, 8.1180,
-14.9700

■ 218.4040, 12.5210,
-23.1830

■ 226.6380, 3.7150,
-6.7570

■ 214.2870, 16.9240,
-31.3960

■ 230.7550, -0.6880,
1.4560

■ 210.1700, 21.3270,
-39.6090

■ 234.6440, -4.4490,
9.0470

■ 206.0530, 25.7300,
-47.8220

■ 236.1390, -1.4690,
10.1070

■ 201.9360, 30.1330,
-56.0350

■ 237.6340, 1.5110,
11.1670

■ 197.8190, 34.5360,
-64.2480

■ 239.1290, 4.4910,
12.2270

■ 193.7020, 38.9390,
-72.4610

■ 240.3250, 6.8750,
13.0750

■ 189.5850, 43.3420,
-80.6740

■ 189.1290, 44.6260,
-81.9180

Harmonies

Analogous

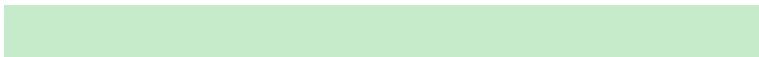
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



224.8330, 25.0350, -7.6770



222.5210, 8.1180, -14.9700



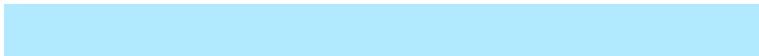
219.8760, -12.0550, -18.3190

Triad

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



222.5210, 8.1180, -14.9700



219.3510, -40.7130, -5.5530



226.0940, 20.7670, 14.6150

Complementary

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



222.5210, 8.1180, -14.9700



195.4790, -8.1180, 14.9700

Split Complementary

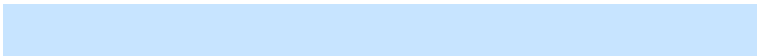
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228.9390, 11.1380, 18.4180



222.5210, 8.1180, -14.9700



222.4070, -25.9510, 2.2490

Square

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



222.5210, 8.1180, -14.9700



217.4660, -42.7750, -12.2390



226.6700, -7.3380, 11.8460



224.2870, 27.2330, 7.5610

Rectangle

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



222.5210, 8.1180, -14.9700



218.4600, -25.4430, -17.9790



226.6700, -7.3380, 11.8460



227.4790, 18.2450, 16.2690

Sweetspot

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



222.5210, 8.1180, -14.9700



252.6210, 2.3850, -4.6790



205.2540, 22.8320, 4.7200



126.4900, 1.3760, -2.9120



0.0000, 0.0000, 0.0000



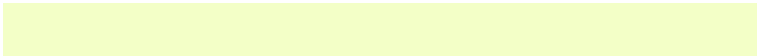
128.0000, -0.0000, -0.0000

Same Dimension

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



222.5210, 8.1180, -14.9700



245.0280, 10.8240, -19.9600



216.5410, -3.8020, -19.2100



112.7350, 2.0640, -4.3680



146.9330, 34.2150, -63.9370



41.8970, 9.8150, -18.1930

Inverse Universe

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



195.4790, -8.1180, 14.9700



208.9720, -10.8240, 19.9600



201.4590, 3.8020, 19.2100



105.2650, -2.0640, 4.3680



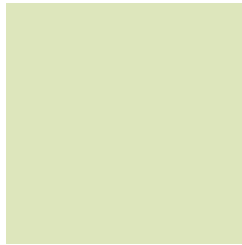
31.7680, -34.8110, 63.7250



9.1030, -9.8150, 18.1930

Previews

White Background



This preview shows how the YIQ color 222.5210, 8.1180, -14.9700 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 222.5210, 8.1180, -14.9700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

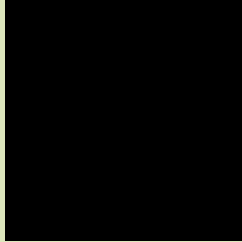
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

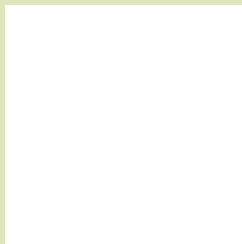
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 222.5210, 8.1180, -14.9700

Background



This preview shows how black text looks on a background with the YIQ color 222.5210, 8.1180, -14.9700.



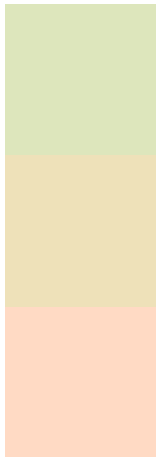
This preview shows how white text looks on a background with the YIQ color 222.5210, 8.1180,

-14.9700.

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

222.5210, 8.1180, -14.9700

Protanopia

224.3270, 20.5880, -9.6840

Deuteranopia

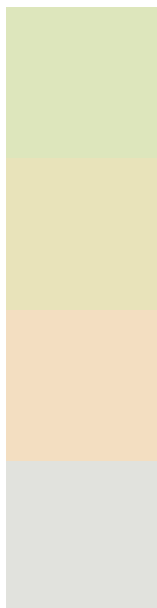
226.5550, 29.1140, 1.0020



Tritanopia

226.4330, -2.4770, 6.3470

Trichromacy



Original Color

222.5210, 8.1180, -14.9700

Protanomaly

223.8210, 16.1410, -11.6910

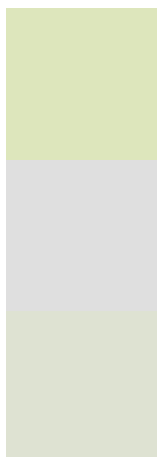
Deuteranomaly

224.9730, 21.8250, -4.5670

Tritanomaly

225.1310, 1.0090, -1.7670

Monochromacy



Original Color

222.5210, 8.1180, -14.9700

Achromatopsia

223.0000, -0.0000, -0.0000

Achromatomaly

222.9800, 2.7520, -5.8240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.5210, 8.1180, -14.9700 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(221, 230, 188)` looks like.

```
.text, #text, p{  
    color:rgb(221, 230, 188)  
}
```

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(221, 230, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 230, 188) }
```

Border

The CSS property to change the border of an element to YIQ 222.5210, 8.1180, -14.9700 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(221, 230, 188) }
```


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

```
.border{ border-color:rgb(221, 230, 188) }
```

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

Here you see how a box with a 4 pixel rgb(221, 230, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 230, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 230, 188);  
box-shadow:4px 4px 4px 4px rgb(221, 230,  
188) }
```

Background

The CSS property to change the background color of an element to YIQ 222.5210, 8.1180, -14.9700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 230, 188) }
```

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

```
.background{ background-color: rgb(221,  
230, 188) }
```

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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