

Converting Colors

YIQ(220.2810, 17.0610,
-28.3710)

Have a look what the booklet for
YIQ(220.2810, 17.0610, -28.3710)
contains.

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Color

**YIQ(220.2810, 17.0610,
-28.3710)**

Conversions

Conversions Part 1

Format	Color
Hex	DBEA99
RGB	219, 234, 153
RGB Percent	86%, 92%, 60%
CMY	0.1413, 0.0823, 0.3999
CMYK	0.06, 0.00, 0.35, 0.08
HSL	71°, 66%, 76%
HSV	71°, 35%, 92%
XYZ	64.3839, 76.2068, 41.4674
YIQ	220.2810, 17.0610, -28.3710

Conversions

Conversions Part 2

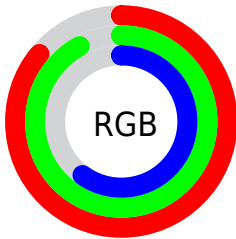
Format	Color
RYB	153, 234, 168
Decimal	14412441
CIELab	89.96, -17.58, 37.71
CIELCh	90, 41.609, 114.999
Yxy	76.2068, 0.3536, 0.4186
Android (android.graphics.Color)	4292602521 (0xFFDBEA99)
YUV	220.2810, -33.1695, -1.1234
Hunter-Lab	87.2965, -21.1196, 32.9437

Details

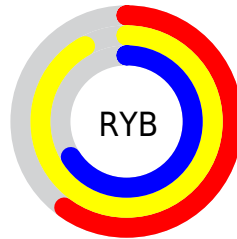
The YIQ color $220.2810, 17.0610, -28.3710$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $166.7190, -17.0610, 28.3710$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.6420, 15.0870, -14.6170$, and $164.7370, 15.7770, -27.1270$ is the 20% darker color. If you saturate the color by 10%, you get $216.4630, 22.0600, -36.3720$, and if you desaturate by 10%, it is $224.0990, 12.0620, -20.3700$.

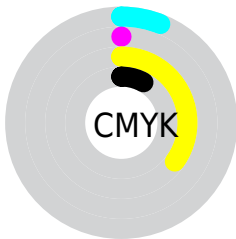
Distribution



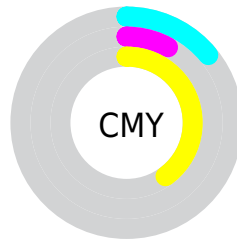
- Red (86%)
- Green (92%)
- Blue (60%)



- Red (60%)
- Yellow (92%)
- Blue (66%)



- Cyan (6%)
- Magenta (0%)
- Yellow (35%)
- Black (8%)



- Cyan (14%)
- Magenta (8%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.2810, 17.0610, -28.3710 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 220.2810, 17.0610, -28.3710 by changing the saturation by 10% instead.

■ 220.2810, 17.0610,
-28.3710

■ 220.2810, 17.0610,
-28.3710

■ 255.0000, -0.0000,
-0.0000

■ 192.5090, 16.4190,
-27.7490

■ 249.6420, 15.0870,
-14.6170

■ 164.7370, 15.7770,
-27.1270

■ 252.9480, 5.7780,
-5.5980

■ 138.5520, 14.8600,
-27.0280

■ 112.6660, 14.5390,
-26.7170

■ 87.4810, 13.6220,
-26.6180

■ 63.1390, 14.5850,
-27.5510

■ 42.7610, 7.2020,

-20.3980

■ 22.0620, -3.7110,
-15.3510

■ 0.0000, 0.0000,
0.0000

■ 220.2810, 17.0610,
-28.3710

■ 220.2810, 17.0610,
-28.3710

■ 216.4630, 22.0600,
-36.3720

■ 224.0990, 12.0620,
-20.3700

■ 212.2320, 26.7840,
-44.8960

■ 228.3300, 7.3380,
-11.8460

■ 208.4140, 31.7830,
-52.8970

■ 232.1480, 2.3390,
-3.8450

■ 204.4820, 37.1030,
-61.2090

■ 236.0800, -2.9810,
4.4670

■ 200.3650, 41.5060,
-69.4220

■ 238.4870, -2.5690,
8.0150

■ 196.5470, 46.5050,
-77.4230

■ 239.6830, -0.1850,
8.8630

■ 194.4670, 49.4860,
-81.8900

■ 240.8790, 2.1990,
9.7110

■ 242.3740, 5.1790,
10.7710

■ 242.6730, 5.7750,
10.9830

Harmonies

Analogous

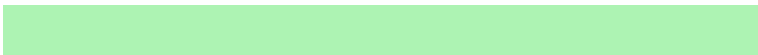
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



222.7300, 44.0180, -15.8060



220.2810, 17.0610, -28.3710



214.7740, -21.1760, -34.7440

Triad

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



220.2810, 17.0610, -28.3710



201.9210, -87.0170, -25.4250



218.6740, 22.3700, 24.1140

Complementary

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



220.2810, 17.0610, -28.3710



166.7190, -17.0610, 28.3710

Split Complementary

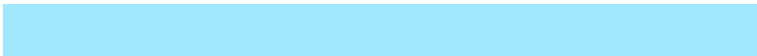
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.6500, 13.7500, 26.1500



220.2810, 17.0610, -28.3710



213.3930, -49.6990, -7.8990

Square

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



220.2810, 17.0610, -28.3710



200.0720, -97.9280, -31.4320



223.4140, -9.4930, 12.3550



214.7010, 34.9350, 11.1510

Rectangle

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



220.2810, 17.0610, -28.3710



210.1050, -49.9690, -36.0570



223.4140, -9.4930, 12.3550



220.7430, 17.9220, 27.6340

Sweetspot

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



220.2810, 17.0610, -28.3710



250.6550, 5.0450, -8.8350



186.0240, 44.1510, 9.3270



125.2790, 3.3480, -5.6120



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

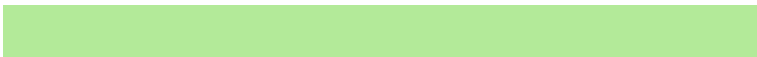
The Same Dimension uses a secret algorithm to generate beautiful new colors.



220.2810, 17.0610, -28.3710



236.8220, 22.4270, -37.5170



208.3210, -6.7790, -36.8510



115.1480, 2.3390, -3.8450



150.2000, 37.8370, -63.4990



44.8540, 11.3740, -18.9140

Inverse Universe

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



166.7190, -17.0610, 28.3710



166.1780, -22.4270, 37.5170



178.6790, 6.7790, 36.8510



107.8520, -2.3390, 3.8450



30.8000, -37.8370, 63.4990



9.1460, -11.3740, 18.9140

Previews

White Background



This preview shows how the YIQ color 220.2810, 17.0610, -28.3710 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 220.2810, 17.0610, -28.3710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

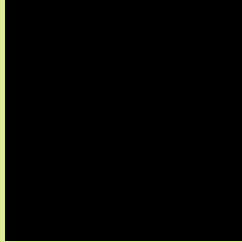
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

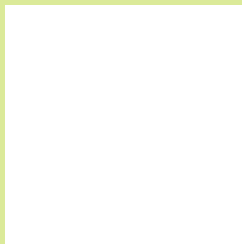
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 220.2810, 17.0610, -28.3710

Background



This preview shows how black text looks on a background with the YIQ color 220.2810, 17.0610, -28.3710.



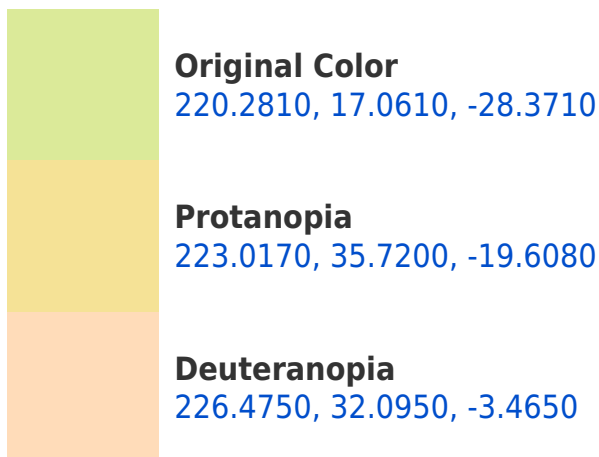
This preview shows how white text looks on a background with the YIQ color 220.2810, 17.0610, -28.3710.

-28.3710.

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

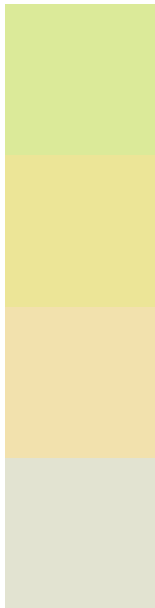




Tritanopia

227.1450, -1.6060, 7.0820

Trichromacy



Original Color

220.2810, 17.0610, -28.3710

Protanomaly

222.2010, 29.2100, -22.7740

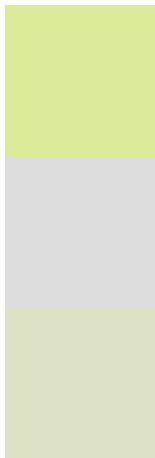
Deuteranomaly

224.1550, 26.8240, -12.5680

Tritanomaly

224.6490, 5.1820, -5.8100

Monochromacy



Original Color

220.2810, 17.0610, -28.3710

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

220.1990, 6.3290, -10.0790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.2810, 17.0610, -28.3710 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(219, 234, 153)` looks like.

```
.text, #text, p{  
    color:rgb(219, 234, 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(219, 234, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 234, 153) }
```

Border

The CSS property to change the border of an element to YIQ 220.2810, 17.0610, -28.3710 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(219, 234, 153) }
```


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

```
.border{ border-color:rgb(219, 234, 153) }
```

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

Here you see how a box with a 4 pixel rgb(219, 234, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 234, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 234, 153);  
box-shadow:4px 4px 4px 4px rgb(219, 234,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 220.2810, 17.0610, -28.3710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 234, 153) }
```

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

```
.background{ background-color: rgb(219,  
234, 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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