

Converting Colors

YIQ(210.2980, -25.1670,
-22.9830)

Have a look what the booklet for
YIQ(210.2980, -25.1670, -22.9830)
contains.

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Color

**YIQ(210.2980, -25.1670,
-22.9830)**

Conversions

Conversions Part 1

Format	Color
Hex	ACE8C7
RGB	172, 232, 199
RGB Percent	67%, 91%, 78%
CMY	0.3256, 0.0901, 0.2197
CMYK	0.26, 0.00, 0.14, 0.09
HSL	147°, 57%, 79%
HSV	147°, 26%, 91%
XYZ	56.1744, 70.6160, 64.6908
YIQ	210.2980, -25.1670, -22.9830

Conversions

Conversions Part 2

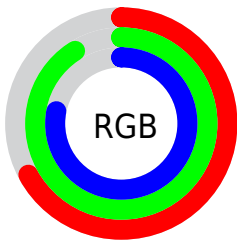
Format	Color
RYB	172, 213, 232
Decimal	11331783
CIELab	87.30, -25.65, 9.97
CIELCh	87, 27.517, 158.768
Yxy	70.6160, 0.2934, 0.3688
Android (android.graphics.Color)	4289521863 (0xFFACE8C7)
YUV	210.2980, -5.5699, -33.5873
Hunter-Lab	84.0333, -27.7350, 13.1805

Details

The YIQ color **210.2980, -25.1670, -22.9830** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **193.7020, 25.1670, 22.9830**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.9270, -16.0920, -5.7240**, and **155.1240, -24.6170, -21.9370** is the 20% darker color. If you saturate the color by 10%, you get **201.9390, -34.7020, -31.9020**, and if you desaturate by 10%, it is **218.6570, -15.6320, -14.0640**.

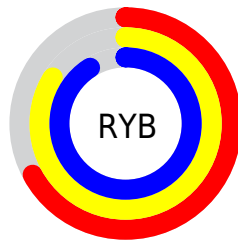
Distribution



Red (67%)

Green (91%)

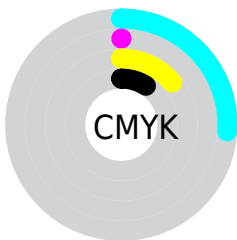
Blue (78%)



Red (67%)

Yellow (84%)

Blue (91%)

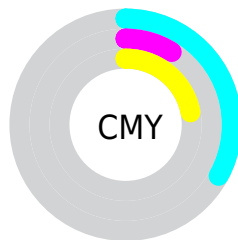


Cyan (26%)

Magenta (0%)

Yellow (14%)

Black (9%)



Cyan (33%)

Magenta (9%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.2980, -25.1670, -22.9830 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 210.2980, -25.1670, -22.9830 by changing the saturation by 10% instead.

■ 210.2980,
-25.1670, -22.9830

■ 210.2980,
-25.1670, -22.9830

255.0000, -0.0000,
-0.0000

■ 182.7110,
-24.8920, -22.4600

■ 246.9270,
-16.0920, -5.7240

■ 155.1240,
-24.6170, -21.9370

■ 128.5370,
-24.3420, -21.4140

■ 103.0640,
-24.3880, -20.5800

■ 78.1780, -24.7090,
-20.2690

■ 53.0960, -27.4140,
-20.8060

■ 33.0150, -22.6920,

-18.2760

■ 18.3110, -8.8460,
-15.9020

■ 0.0000, 0.0000,
0.0000

■ 210.2980,
-25.1670, -22.9830

■ 210.2980,
-25.1670, -22.9830

■ 201.9390,
-34.7020, -31.9020

■ 218.6570,
-15.6320, -14.0640

■ 193.5800,
-44.2370, -40.8210

■ 227.0160, -6.0970,
-5.1450

■ 185.0360,
-54.6890, -49.6410

■ 235.5600, 4.3550,
3.6750

■ 176.6770,
-64.2240, -58.5600

■ 240.9290, 7.9300,
10.4740

■ 168.3180,
-73.7590, -67.4790

■ 241.4990, 6.3250,
12.0290

■ 159.9590,
-83.2940, -76.3980

■ 151.7140,
-93.1500, -85.0060

■ 148.0400,
-97.1840, -88.9920

Harmonies

Analogous

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



213.5260, 0.5540, -21.0620



210.2980, -25.1670, -22.9830



207.9720, -47.4960, -20.2960

Triad

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



210.2980, -25.1670, -22.9830



216.2380, -23.7970, 7.2670



216.7240, 36.1280, 6.0480

Complementary

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



210.2980, -25.1670, -22.9830



193.7020, 25.1670, 22.9830

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.



217.8130, 28.9280, 15.3920



210.2980, -25.1670, -22.9830



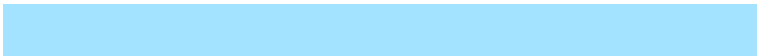
221.4200, -0.4620, 19.3940

Square

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



210.2980, -25.1670, -22.9830



211.3550, -46.5360, -4.6480



221.9510, 20.0320, 22.4320



219.5960, 39.0640, -3.1120

Rectangle

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



210.2980, -25.1670, -22.9830



207.5290, -56.2540, -15.7580



221.9510, 20.0320, 22.4320



217.0490, 33.8350, 9.0590

Sweetspot

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



210.2980, -25.1670, -22.9830



247.7660, -8.3890, -7.6610



217.3860, 3.7640, -24.1720



123.2010, -5.1800, -5.2440



0.0000, 0.0000, 0.0000



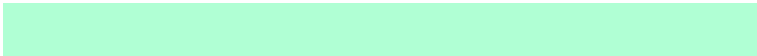
128.0000, -0.0000, -0.0000

Same Dimension

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



210.2980, -25.1670, -22.9830



226.4770, -33.2810, -30.1210



213.6040, -34.4760, -13.9640



110.6140, -4.9050, -4.7210



114.1930, -74.9050, -68.7370



32.5590, -21.4080, -19.5200

Inverse Universe

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



193.7020, 25.1670, 22.9830



204.5230, 33.2810, 30.1210



190.3960, 34.4760, 13.9640



107.3860, 4.9050, 4.7210



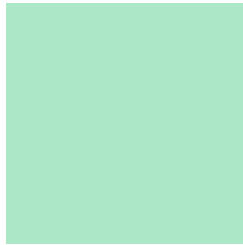
64.6930, 75.2260, 68.4260



18.4410, 21.4080, 19.5200

Previews

White Background



This preview shows how the YIQ color 210.2980, -25.1670, -22.9830 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 210.2980, -25.1670, -22.9830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

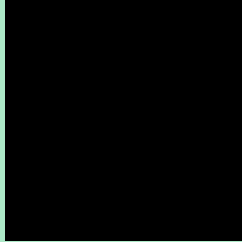
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

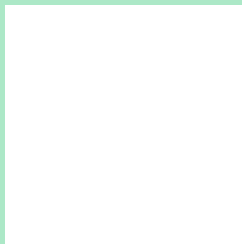
Any Text WCAG AAA ✓ Pass

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

YIQ 210.2980, -25.1670, -22.9830 Background



This preview shows how black text looks on a background with the YIQ color 210.2980, -25.1670, -22.9830.



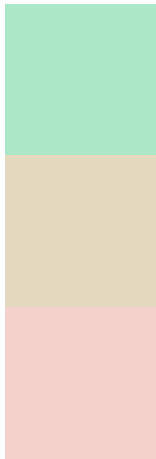
This preview shows how white text looks on a background with the YIQ color 210.2980, -25.1670, -22.9830.

-22.9830.

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

210.2980, -25.1670, -22.9830

Protanopia

217.3250, 14.9020, -5.7540

Deuteranopia

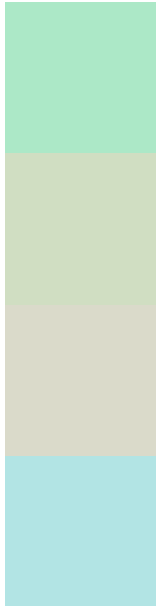
219.3680, 22.5110, 5.0310



Tritanopia

214.5970, -32.5980, -3.9420

Trichromacy



Original Color

210.2980, -25.1670, -22.9830

Protanomaly

214.6220, 0.6440, -11.6760

Deuteranomaly

216.1760, 5.1360, -4.9760

Tritanomaly

213.0500, -29.8000, -10.6000

Monochromacy



Original Color

210.2980, -25.1670, -22.9830

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.0540, -9.2600, -8.3960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.2980, -25.1670, -22.9830 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(172, 232, 199)` looks like.

```
.text, #text, p{  
    color:rgb(172, 232, 199)  
}
```

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(172, 232, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 232, 199) }
```

Border

The CSS property to change the border of an element to YIQ 210.2980, -25.1670, -22.9830 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(172, 232, 199) }
```


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

```
.border{ border-color:rgb(172, 232, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 232, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 232, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 232, 199); box-shadow:4px 4px 4px 4px rgb(172, 232, 199) }
```

Background

The CSS property to change the background color of an element to YIQ 210.2980, -25.1670, -22.9830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 232, 199) }
```

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

```
.background{ background-color: rgb(172,  
232, 199) }
```

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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