

Converting Colors

YIQ(221.5680, 36.2670, -1.9810)

Have a look what the booklet for
YIQ(221.5680, 36.2670, -1.9810)
contains.

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Color

**YIQ(221.5680, 36.2670,
-1.9810)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD5B2
RGB	255, 213, 178
RGB Percent	100%, 84%, 70%
CMY	0.0000, 0.1648, 0.3018
CMYK	0.00, 0.16, 0.30, 0.00
HSL	27°, 100%, 85%
HSV	27°, 30%, 100%
XYZ	73.0700, 72.0557, 52.1994
YIQ	221.5680, 36.2670, -1.9810

Conversions

Conversions Part 2

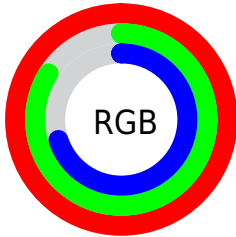
Format	Color
R_{YB}	255, 242, 178
Decimal	16766386
CIE Lab	88.00, 9.78, 22.77
CIE LCh	88, 24.785, 66.749
Yxy	72.0557, 0.3703, 0.3652
Android (android.graphics.Color)	4294956466 (0xFFFFD5B2)
YUV	221.5680, -21.4790, 29.3199
Hunter-Lab	84.8856, 5.1041, 22.9603

Details

The YIQ color **221.5680, 36.2670, -1.9810** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **211.4320, -36.2670, 1.9810**, and the grayscale version is **222.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **252.6060, 6.7410, -6.5310**, and **165.8990, 33.8370, -1.9950** is the 20% darker color. If you saturate the color by 10%, you get **210.5000, 48.1420, -2.4340**, and if you desaturate by 10%, it is **232.7500, 24.0710, -1.2170**.

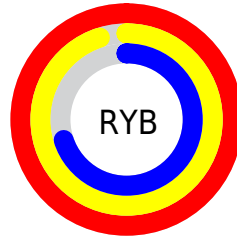
Distribution



Red (100%)

Green (84%)

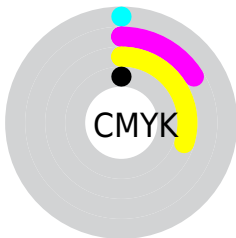
Blue (70%)



Red (100%)

Yellow (95%)

Blue (70%)

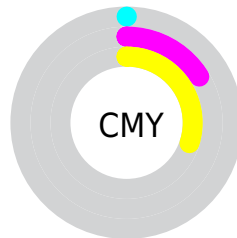


Cyan (0%)

Magenta (16%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 221.5680, 36.2670, -1.9810 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 221.5680, 36.2670, -1.9810 by changing the saturation by 10% instead.


 221.5680, 36.2670,
-1.9810


 221.5680, 36.2670,
-1.9810


255.0000, -0.0000,
-0.0000


 193.3830, 35.3500,
-1.8820


 252.6060, 6.7410,
-6.5310

 165.8990, 33.8370,
-1.9950

 139.4150, 32.3240,
-2.1080

 113.9310, 30.8110,
-2.2210

 89.1480, 28.7020,
-2.5460

 65.6640, 27.1890,
-2.6590

 42.7670, 25.4010,

-3.2950

■ 22.8250, 19.4860,
-0.7220

■ 0.8970, 1.7880,
0.6360

■ 221.5680, 36.2670,
-1.9810

■ 221.5680, 36.2670,
-1.9810

■ 210.5000, 48.1420,
-2.4340

■ 232.7500, 24.0710,
-1.2170

■ 199.3180, 60.3380,
-3.1980

■ 243.8180, 12.1960,
-0.7640

■ 188.2500, 72.2130,
-3.6510

255.0000, -0.0000,
-0.0000

■ 177.0680, 84.4090,
-4.4150

■ 166.0000, 96.2840,
-4.8680

■ 154.8180,
108.4800, -5.6320

■ 144.3370,
120.0800, -6.6080

Harmonies

Analogous

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



219.8700, 32.7810, 6.1330



221.5680, 36.2670, -1.9810



219.2300, 22.2390, -12.0730

Triad

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



221.5680, 36.2670, -1.9810



211.1470, -40.6190, -18.2750



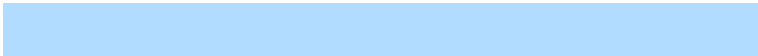
223.4690, -2.1580, 17.0900

Complementary

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



221.5680, 36.2670, -1.9810



211.4320, -36.2670, 1.9810

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.



218.5970, -23.4300, 6.1220



221.5680, 36.2670, -1.9810



211.6870, -50.7070, -11.6590

Square

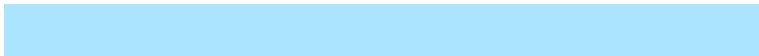
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221.5680, 36.2670, -1.9810



213.8040, -20.7200, -20.9760



214.0350, -42.6390, -3.6870



224.5270, 18.2900, 20.9620

Rectangle

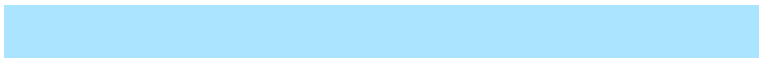
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



221.5680, 36.2670, -1.9810



217.5380, 9.4480, -17.0480



214.0350, -42.6390, -3.6870



222.2400, -8.9430, 13.4010

Sweetspot

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



221.5680, 36.2670, -1.9810



244.7470, 10.9580, -0.3540



205.8110, 32.4100, 29.3860



121.5940, 7.0150, -0.4810



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.



221.5680, 36.2670, -1.9810



215.1620, 43.2820, -2.4620



243.8740, 25.8170, -21.8550



122.4090, 6.0980, -0.3820



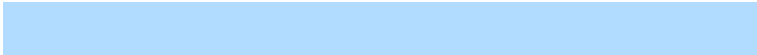
108.1780, 89.9110, -5.0090



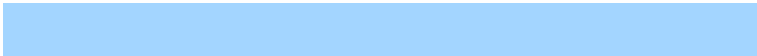
36.1590, 30.1690, -1.5990

Inverse Universe

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



211.4320, -36.2670, 1.9810



202.8380, -43.2820, 2.4620



189.1260, -25.8170, 21.8550



120.5910, -6.0980, 0.3820



82.8220, -89.9110, 5.0090



27.8410, -30.1690, 1.5990

Previews

White Background



This preview shows how the YIQ color 221.5680, 36.2670, -1.9810 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 221.5680, 36.2670, -1.9810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

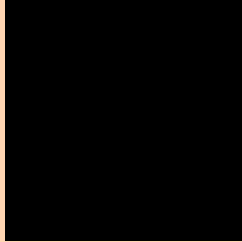
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 221.5680, 36.2670, -1.9810

Background



This preview shows how black text looks on a background with the YIQ color 221.5680, 36.2670, -1.9810.



This preview shows how white text looks on a background with the YIQ color 221.5680, 36.2670, -1.9810.

-1.9810.

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

221.5680, 36.2670, -1.9810

Protanopia

219.8540, 20.5420, -8.8500

Deuteranopia

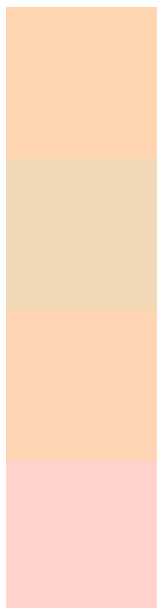
221.9100, 35.3040, -1.0480



Tritanopia

224.2360, 23.2430, 13.7950

Trichromacy



Original Color

221.5680, 36.2670, -1.9810

Protanomaly

220.3710, 26.4560, -5.8960

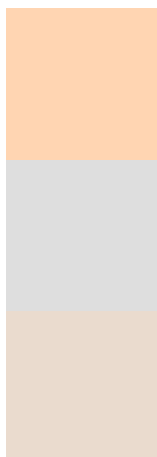
Deuteranomaly

221.7960, 35.6250, -1.3590

Tritanomaly

222.9990, 28.1040, 8.2960

Monochromacy



Original Color

221.5680, 36.2670, -1.9810

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

222.0030, 13.1130, -0.8630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.5680, 36.2670, -1.9810 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(255, 213, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 178)  
}
```

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(255, 213, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 178) }
```

Border

The CSS property to change the border of an element to YIQ 221.5680, 36.2670, -1.9810 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(255, 213, 178) }
```


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

```
.border{ border-color:rgb(255, 213, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 221.5680, 36.2670, -1.9810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 178) }
```

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

```
.background{ background-color: rgb(255,  
213, 178) }
```

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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