

Converting Colors

YIQ(241.4980, 6.9250, -9.8670)

Have a look what the booklet for
YIQ(241.4980, 6.9250, -9.8670)
contains.

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Color

**YIQ(241.4980, 6.9250,
-9.8670)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F6D9
RGB	242, 246, 217
RGB Percent	95%, 96%, 85%
CMY	0.0510, 0.0353, 0.1490
CMYK	0.02, 0.00, 0.12, 0.04
HSL	68°, 62%, 91%
HSV	68°, 12%, 96%
XYZ	82.0978, 89.7989, 78.6602
YIQ	241.4980, 6.9250, -9.8670

Conversions

Conversions Part 2

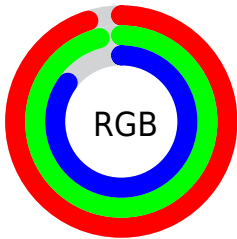
Format	Color
R_{YB}	217, 246, 221
Decimal	15922905
CIE _{Lab}	95.91, -6.21, 13.50
CIE _{LCh}	96, 14.856, 114.703
Yxy	89.7989, 0.3277, 0.3584
Android (android.graphics.Color)	4294112985 (0xFFFF2F6D9)
YUV	241.4980, -12.0775, 0.4403
Hunter-Lab	94.7623, -11.1896, 17.1182

Details

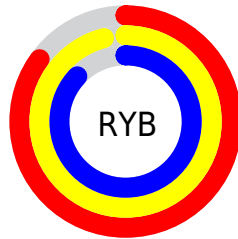
The YIQ color $241.4980, 6.9250, -9.8670$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $221.5020, -6.9250, 9.8670$, and the grayscale version is $242.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $185.6120, 6.6040, -9.5560$ is the 20% darker color. If you saturate the color by 10%, you get $237.7510, 13.1620, -18.2780$, and if you desaturate by 10%, it is $245.2450, 0.6880, -1.4560$.

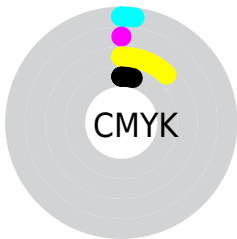
Distribution



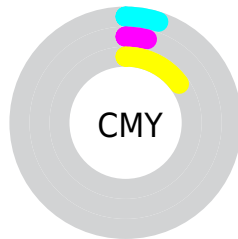
- Red (95%)
- Green (96%)
- Blue (85%)



- Red (85%)
- Yellow (96%)
- Blue (87%)



- Cyan (2%)
- Magenta (0%)
- Yellow (12%)
- Black (4%)




- Cyan (5%)
- Magenta (4%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 241.4980, 6.9250, -9.8670 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 241.4980, 6.9250, -9.8670 by changing the saturation by 10% instead.


 241.4980, 6.9250,
-9.8670


 241.4980, 6.9250,
-9.8670

255.0000, -0.0000,
-0.0000


 213.4980, 6.9250,
-9.8670

 185.6120, 6.6040,
-9.5560

 158.7260, 6.2830,
-9.2450

 132.1390, 6.5580,
-8.7220

 106.9540, 5.6410,
-8.6230

 83.0680, 5.3200,
-8.3120

 60.1820, 4.9990,

-8.0010

■ 38.2960, 4.6780,
-7.6900

■ 17.1110, 3.7610,
-7.5910

■ 241.4980, 6.9250,
-9.8670

■ 241.4980, 6.9250,
-9.8670

■ 237.7510, 13.1620,
-18.2780

■ 245.2450, 0.6880,
-1.4560

■ 233.8190, 18.4820,
-26.5900

■ 247.9230, -1.1010,
3.4350

■ 230.0720, 24.7190,
-35.0010

■ 248.8200, 0.6870,
4.0710

■ 226.1400, 30.0390,
-43.3130

■ 249.7170, 2.4750,
4.7070

■ 222.3930, 36.2760,
-51.7240

■ 218.6460, 42.5130,
-60.1350

■ 214.7140, 47.8330,
-68.4470

■ 210.9670, 54.0700,
-76.8580

■ 207.7900, 58.7020,
-83.7140

Harmonies

Analogous

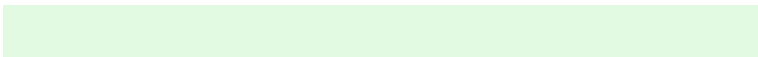
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242.2220, 16.6900, -5.1180



241.4980, 6.9250, -9.8670



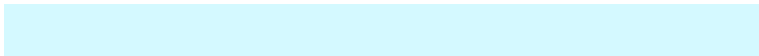
240.0880, -6.6000, -12.5520

Triad

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



241.4980, 6.9250, -9.8670



238.6210, -23.9780, -5.9780



241.6470, 8.6640, 8.1840

Complementary

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



241.4980, 6.9250, -9.8670



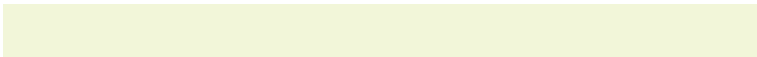
221.5020, -6.9250, 9.8670

Split Complementary

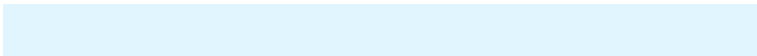
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243.8470, 5.2250, 9.9370



241.4980, 6.9250, -9.8670



240.1600, -15.1300, -1.1300

Square

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



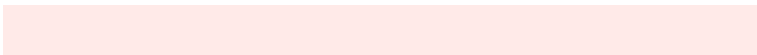
241.4980, 6.9250, -9.8670



238.8870, -27.7830, -8.6070



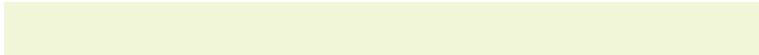
242.6070, -3.0270, 5.3010



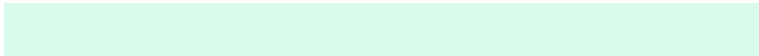
240.0510, 13.1580, 3.8300

Rectangle

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



241.4980, 6.9250, -9.8670



238.7110, -15.7240, -12.3960



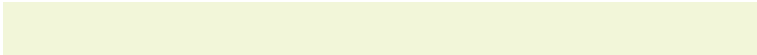
242.6070, -3.0270, 5.3010



242.2170, 7.0590, 9.7390

Sweetspot

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



241.4980, 6.9250, -9.8670



253.5610, 2.6140, -3.3220



228.0190, 16.1840, 4.0560



126.9030, 1.6510, -2.3890



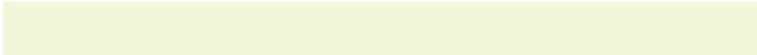
0.0000, 0.0000, 0.0000



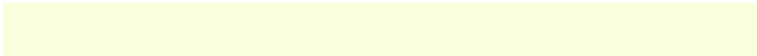
128.0000, -0.0000, -0.0000

Same Dimension

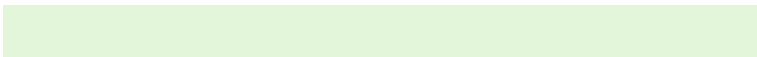
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.4980, 6.9250, -9.8670



249.4010, 8.5760, -12.2560



237.3120, -1.4190, -12.8350



120.3330, 3.2560, -3.9440



157.0220, 44.2100, -63.3580



49.8820, 14.1710, -20.0450

Inverse Universe

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



221.5020, -6.9250, 9.8670



224.5990, -8.5760, 12.2560



225.6880, 1.4190, 12.8350



111.9660, -2.6600, 4.1560



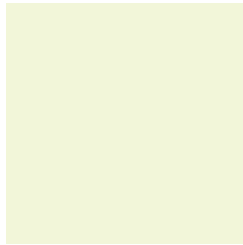
28.9780, -44.2100, 63.3580



9.1180, -14.1710, 20.0450

Previews

White Background



This preview shows how the YIQ color 241.4980, 6.9250, -9.8670 looks on a white background.

Color Contrast Check

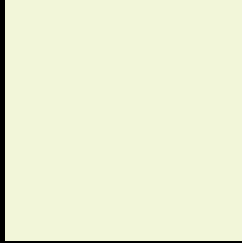
Large Text (above 18pt) WCAG AA × Fail

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 241.4980, 6.9250, -9.8670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

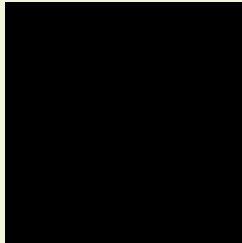
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

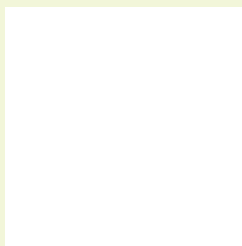
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 241.4980, 6.9250, -9.8670

Background



This preview shows how black text looks on a background with the YIQ color 241.4980, 6.9250, -9.8670.



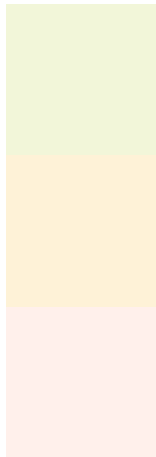
This preview shows how white text looks on a background with the YIQ color 241.4980, 6.9250,

-9.8670.

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

241.4980, 6.9250, -9.8670

Protanopia

242.5100, 15.8190, -5.8530

Deuteranopia

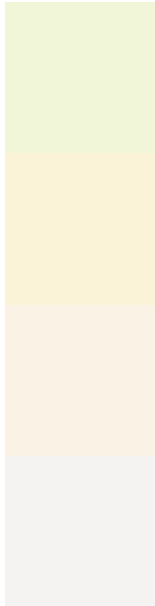
243.9150, 10.5450, 1.6250



Tritanopia

244.3900, -0.9180, 5.6260

Trichromacy



Original Color

241.4980, 6.9250, -9.8670

Protanomaly

242.0150, 12.8390, -6.9130

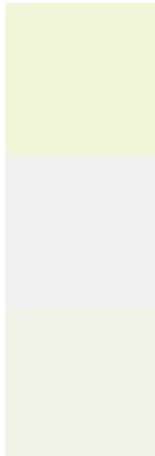
Deuteranomaly

242.7960, 9.2620, -2.6580

Tritanomaly

243.3700, 1.8340, -0.1980

Monochromacy



Original Color

241.4980, 6.9250, -9.8670

Achromatopsia

241.0000, -0.0000, -0.0000

Achromatomaly

241.1480, 2.3390, -3.8450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 241.4980, 6.9250, -9.8670 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(242, 246, 217)` looks like.

```
.text, #text, p{  
    color:rgb(242, 246, 217)  
}
```

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(242, 246, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 246, 217) }
```

Border

The CSS property to change the border of an element to YIQ 241.4980, 6.9250, -9.8670 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(242, 246, 217) }
```


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

```
.border{ border-color:rgb(242, 246, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 246, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 246, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 246, 217);  
box-shadow:4px 4px 4px 4px rgb(242, 246,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 241.4980, 6.9250, -9.8670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 246, 217) }
```

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

```
.background{ background-color: rgb(242,  
246, 217) }
```

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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