

Converting Colors

YIQ(241.2140, 19.1680,
-16.9920)

Have a look what the booklet for
YIQ(241.2140, 19.1680, -16.9920)
contains.

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Color

**YIQ(241.2140, 19.1680,
-16.9920)**

Conversions

Conversions Part 1

Format	Color
Hex	F9F7BF
RGB	249, 247, 191
RGB Percent	98%, 97%, 75%
CMY	0.0236, 0.0314, 0.2509
CMYK	0.00, 0.01, 0.23, 0.02
HSL	58°, 83%, 86%
HSV	58°, 23%, 98%
XYZ	81.7320, 90.4222, 62.4533
YIQ	241.2140, 19.1680, -16.9920

Conversions

Conversions Part 2

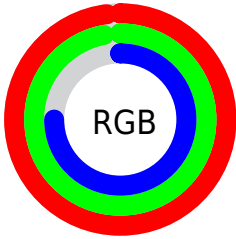
Format	Color
R_{YB}	193, 249, 191
Decimal	16381887
CIE _{Lab}	96.17, -8.03, 27.23
CIE _{LCh}	96, 28.385, 106.434
Yxy	90.4222, 0.3484, 0.3854
Android (android.graphics.Color)	4294571967 (0xFFFF9F7BF)
YUV	241.2140, -24.7555, 6.8283
Hunter-Lab	95.0906, -12.9847, 27.6231

Details

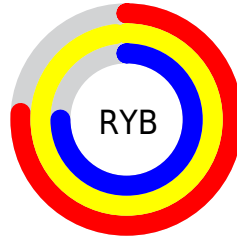
The YIQ color $241.2140, 19.1680, -16.9920$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $198.7860, -19.1680, 16.9920$, and the grayscale version is $241.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $254.2020, 2.2470, -2.1770$, and $185.1430, 17.9300, -16.5820$ is the 20% darker color. If you saturate the color by 10%, you get $237.7770, 27.4680, -24.2440$, and if you desaturate by 10%, it is $244.6510, 10.8680, -9.7400$.

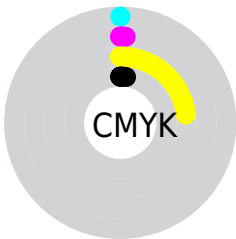
Distribution



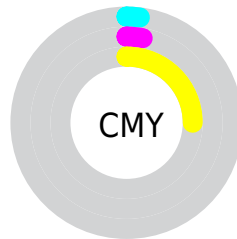
- Red (98%)
- Green (97%)
- Blue (75%)



- Red (76%)
- Yellow (98%)
- Blue (75%)



- Cyan (0%)
- Magenta (1%)
- Yellow (23%)
- Black (2%)





- Cyan (2%)
- Magenta (3%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 241.2140, 19.1680, -16.9920 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 241.2140, 19.1680, -16.9920 by changing the saturation by 10% instead.


 241.2140, 19.1680,
-16.9920


 241.2140, 19.1680,
-16.9920


255.0000, -0.0000,
-0.0000


 213.0290, 18.2510,
-16.8930


 254.2020, 2.2470,
-2.1770

 185.1430, 17.9300,
-16.5820

 158.3710, 17.2880,
-15.9600

 131.5990, 16.6460,
-15.3380

 106.4140, 15.7290,
-15.2390

 82.2290, 14.8120,
-15.1400

 58.4570, 14.1700,

-14.5180

■ 36.9130, 12.8860,
-13.2740

■ 17.3880, 1.4230,
-9.2730

■ 241.2140, 19.1680,
-16.9920

■ 241.2140, 19.1680,
-16.9920

■ 237.7770, 27.4680,
-24.2440

■ 244.6510, 10.8680,
-9.7400

■ 234.3400, 35.7680,
-31.4960

■ 248.0880, 2.5680,
-2.4880

■ 230.9030, 44.0680,
-38.7480

■ 250.2710, -2.2010,
1.3430

■ 228.0530, 52.0930,
-46.5230

■ 250.8580, -2.4760,
0.8200

■ 224.7300, 60.0720,
-53.4640

■ 251.4450, -2.7510,
0.2970

■ 221.2930, 68.3720,
-60.7160

■ 252.0320, -3.0260,
-0.2260

■ 217.8560, 76.6720,
-67.9680

■ 252.6190, -3.3010,
-0.7490

■ 215.3310, 82.4040,
-72.7320

■ 253.2060, -3.5760,
-1.2720

Harmonies

Analogous

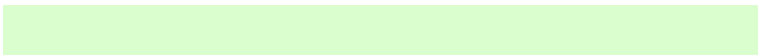
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.7250, 25.2190, -11.0130



241.2140, 19.1680, -16.9920



237.6500, -5.7270, -22.8710

Triad

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



241.2140, 19.1680, -16.9920



229.8840, -50.0640, -17.8080



237.9770, 7.9750, 15.1670

Complementary

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



241.2140, 19.1680, -16.9920



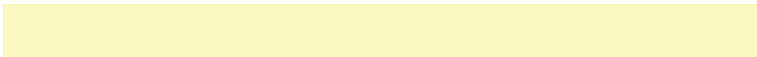
198.7860, -19.1680, 16.9920

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.



241.4990, 6.3250, 12.0290



241.2140, 19.1680, -16.9920



234.4240, -33.7890, -9.8930

Square

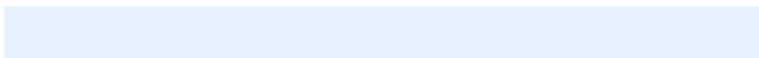
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



241.2140, 19.1680, -16.9920



229.2860, -51.2560, -18.2320



239.9050, -9.8580, 2.4460



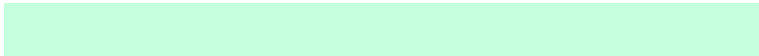
234.5400, 16.2750, 7.9150

Rectangle

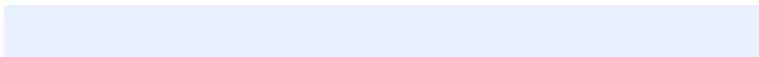
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



241.2140, 19.1680, -16.9920



233.7820, -23.6540, -22.8700



239.9050, -9.8580, 2.4460



238.5640, 7.7000, 14.6440

Sweetspot

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



241.2140, 19.1680, -16.9920



252.3610, 6.0530, -5.0750



208.6840, 33.6050, 13.2290



126.1590, 3.8060, -2.8980



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

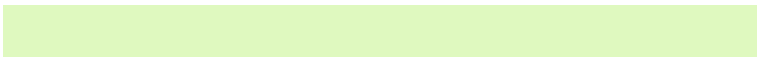
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.2140, 19.1680, -16.9920



245.7320, 23.3410, -21.0350



234.6140, 3.1220, -23.5500



123.5180, 4.1730, -4.0430



163.3450, 62.5940, -55.1180



52.8720, 20.1310, -17.9250

Inverse Universe

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



198.7860, -19.1680, 16.9920



193.2680, -23.3410, 21.0350



205.3860, -3.1220, 23.5500



114.0690, -4.4480, 3.5200



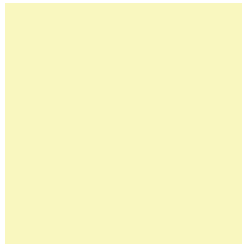
25.0680, -62.3190, 55.6410



8.1280, -20.1310, 17.9250

Previews

White Background



This preview shows how the YIQ color 241.2140, 19.1680, -16.9920 looks on a white background.

Color Contrast Check

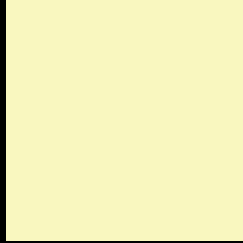
Large Text (above 18pt) WCAG AA × Fail

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 241.2140, 19.1680, -16.9920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

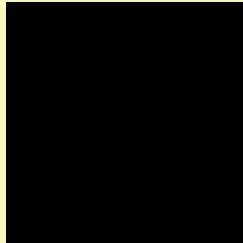
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 241.2140, 19.1680, -16.9920

Background



This preview shows how black text looks on a background with the YIQ color 241.2140, 19.1680, -16.9920.



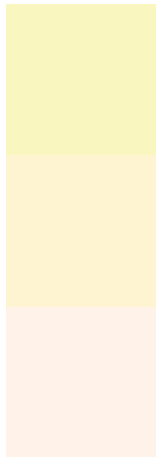
This preview shows how white text looks on a background with the YIQ color 241.2140, 19.1680,

-16.9920.

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

241.2140, 19.1680, -16.9920

Protanopia

243.2990, 17.7910, -8.5530

Deuteranopia

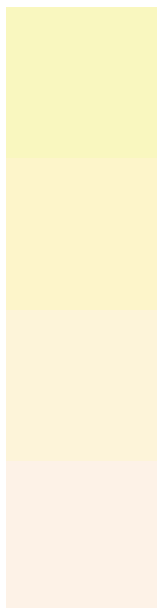
244.7470, 10.9580, -0.3540



Tritanopia

245.4940, 4.7210, 8.0570

Trichromacy



Original Color

241.2140, 19.1680, -16.9920

Protanomaly

242.4900, 18.5710, -11.6770

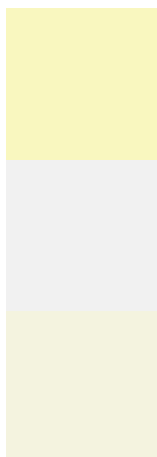
Deuteranomaly

243.6130, 14.0310, -6.4890

Tritanomaly

244.0350, 10.0870, -1.0890

Monochromacy



Original Color

241.2140, 19.1680, -16.9920

Achromatopsia

241.0000, -0.0000, -0.0000

Achromatomaly

241.0190, 7.0160, -6.0080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 241.2140, 19.1680, -16.9920 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(249, 247, 191)` looks like.

```
.text, #text, p{  
    color:rgb(249, 247, 191)  
}
```

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(249, 247, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 247, 191) }
```

Border

The CSS property to change the border of an element to YIQ 241.2140, 19.1680, -16.9920 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(249, 247, 191) }
```


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

```
.border{ border-color:rgb(249, 247, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 247, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 247, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 247, 191);  
box-shadow:4px 4px 4px 4px rgb(249, 247,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 241.2140, 19.1680, -16.9920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 247, 191) }
```

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

```
.background{ background-color: rgb(249,  
247, 191) }
```

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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