

Converting Colors

YIQ(241.9510, 9.7230, -16.5250)

Have a look what the booklet for
YIQ(241.9510, 9.7230, -16.5250)
contains.

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Color

**YIQ(241.9510, 9.7230,
-16.5250)**

Conversions

Conversions Part 1

Format	Color
Hex	F1FACB
RGB	241, 250, 203
RGB Percent	95%, 98%, 80%
CMY	0.0549, 0.0196, 0.2038
CMYK	0.04, 0.00, 0.19, 0.02
HSL	72°, 82%, 89%
HSV	72°, 19%, 98%
XYZ	81.2397, 91.3847, 69.8691
YIQ	241.9510, 9.7230, -16.5250

Conversions

Conversions Part 2

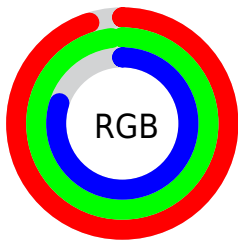
Format	Color
RYB	203, 250, 212
Decimal	15858379
CIELab	96.57, -10.70, 21.58
CIELCh	97, 24.083, 116.369
Yxy	91.3847, 0.3350, 0.3769
Android (android.graphics.Color)	4294048459 (0xFFFF1FACB)
YUV	241.9510, -19.2028, -0.8340
Hunter-Lab	95.5953, -15.5973, 23.5826

Details

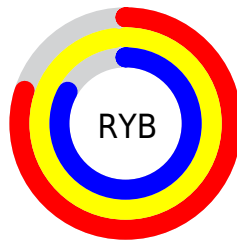
The YIQ color $241.9510, 9.7230, -16.5250$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $211.0490, -9.7230, 16.5250$, and the grayscale version is $242.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $186.1790, 9.0810, -15.9030$ is the 20% darker color. If you saturate the color by 10%, you get $237.6060, 14.7680, -25.3600$, and if you desaturate by 10%, it is $246.2960, 4.6780, -7.6900$.

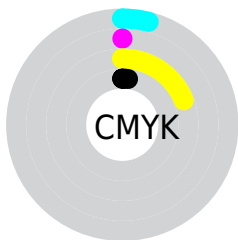
Distribution



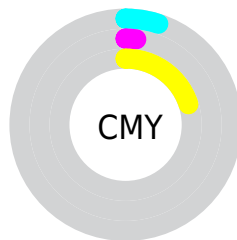
- Red (95%)
- Green (98%)
- Blue (80%)



- Red (80%)
- Yellow (98%)
- Blue (83%)



- Cyan (4%)
- Magenta (0%)
- Yellow (19%)
- Black (2%)



- Cyan (5%)
- Magenta (2%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 241.9510, 9.7230, -16.5250 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 241.9510, 9.7230, -16.5250 by changing the saturation by 10% instead.

■ 241.9510, 9.7230,
-16.5250

■ 241.9510, 9.7230,
-16.5250

255.0000, -0.0000,
-0.0000

■ 213.1790, 9.0810,
-15.9030

■ 186.1790, 9.0810,
-15.9030

■ 158.7060, 9.0350,
-15.0690

■ 132.5210, 8.1180,
-14.9700

■ 107.6350, 7.7970,
-14.6590

■ 82.8630, 7.1550,
-14.0370

■ 59.9770, 6.8340,

-13.7260

■ 37.1620, 7.7510,
-13.8250

■ 17.3660, -1.5110,
-11.1670

■ 241.9510, 9.7230,
-16.5250

■ 241.9510, 9.7230,
-16.5250

■ 237.6060, 14.7680,
-25.3600

■ 246.2960, 4.6780,
-7.6900

■ 233.2610, 19.8130,
-34.1950

■ 250.6410, -0.3670,
1.1450

■ 229.2150, 25.4540,
-42.8180

■ 252.0650, 1.3750,
2.6150

■ 224.8700, 30.4990,
-51.6530

■ 220.5250, 35.5440,
-60.4880

■ 216.1800, 40.5890,
-69.3230

■ 211.8350, 45.6340,
-78.1580

■ 207.7890, 51.2750,
-86.7810

■ 207.1480, 51.6420,
-87.9260

Harmonies

Analogous

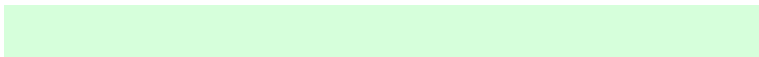
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.5720, 21.2760, -11.1400



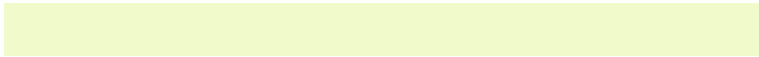
241.9510, 9.7230, -16.5250



238.6370, -12.8800, -19.8880

Triad

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



241.9510, 9.7230, -16.5250



235.5650, -38.7400, -13.7800



239.0540, 9.0760, 11.7320

Complementary

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



241.9510, 9.7230, -16.5250



211.0490, -9.7230, 16.5250

Split Complementary

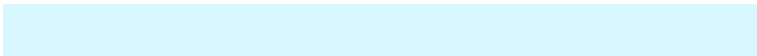
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242.0860, 6.0500, 11.5060



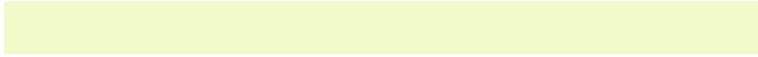
241.9510, 9.7230, -16.5250



238.9310, -21.9150, -4.8190

Square

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



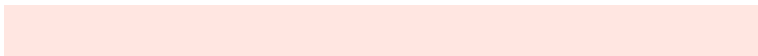
241.9510, 9.7230, -16.5250



233.1730, -43.5080, -15.4760



243.5040, -1.2390, 5.9370



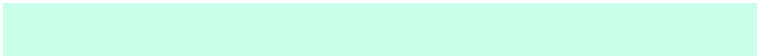
236.9050, 16.5050, 3.7450

Rectangle

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



241.9510, 9.7230, -16.5250



235.7480, -26.3140, -18.7140



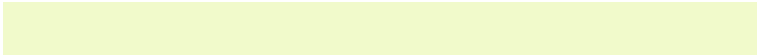
243.5040, -1.2390, 5.9370



240.3250, 6.8750, 13.0750

Sweetspot

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



241.9510, 9.7230, -16.5250



252.3930, 3.0270, -5.3010



222.3360, 25.5370, 5.2570



126.3760, 1.6970, -3.2230



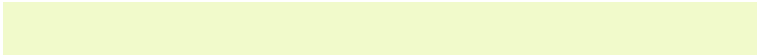
0.0000, 0.0000, 0.0000



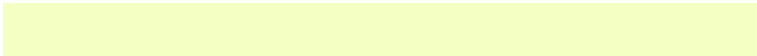
128.0000, -0.0000, -0.0000

Same Dimension

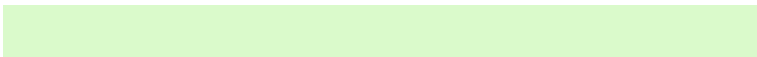
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.9510, 9.7230, -16.5250



244.9850, 12.3830, -20.6810



235.0740, -3.9850, -21.4010



122.9200, 2.9810, -4.4670



156.3910, 38.6170, -66.6230



50.4580, 12.4290, -21.5150

Inverse Universe

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



211.0490, -9.7230, 16.5250



206.3140, -11.7870, 20.8930



217.9260, 3.9850, 21.4010



114.3790, -2.3850, 4.6790



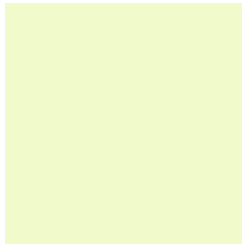
32.3100, -39.2130, 66.4110



10.5420, -12.4290, 21.5150

Previews

White Background



This preview shows how the YIQ color 241.9510, 9.7230, -16.5250 looks on a white background.

Color Contrast Check

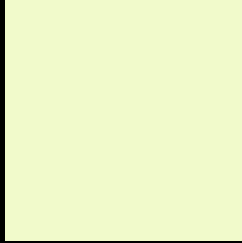
Large Text (above 18pt) WCAG AA × Fail

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 241.9510, 9.7230, -16.5250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

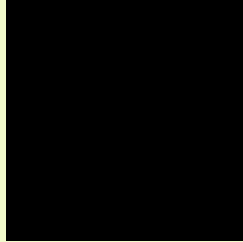
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

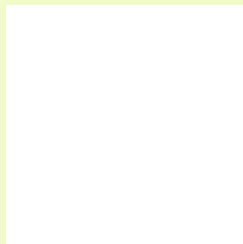
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 241.9510, 9.7230, -16.5250

Background



This preview shows how black text looks on a background with the YIQ color 241.9510, 9.7230, -16.5250.



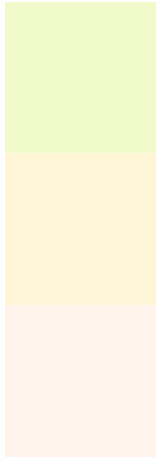
This preview shows how white text looks on a background with the YIQ color 241.9510, 9.7230,

-16.5250.

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

241.9510, 9.7230, -16.5250

Protanopia

244.5700, 15.5900, -7.2100

Deuteranopia

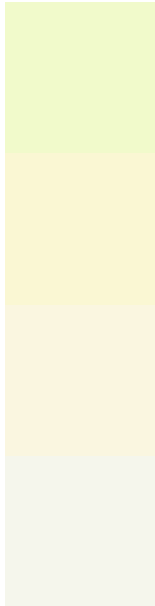
245.7900, 9.3990, 0.3670



Tritanopia

245.8630, -0.8720, 4.7920

Trichromacy



Original Color

241.9510, 9.7230, -16.5250

Protanomaly

243.7930, 13.3440, -10.5600

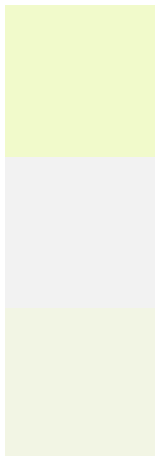
Deuteranomaly

244.6880, 9.4460, -5.9940

Tritanomaly

244.5610, 2.6140, -3.3220

Monochromacy



Original Color

241.9510, 9.7230, -16.5250

Achromatopsia

242.0000, -0.0000, 0.0000

Achromatomaly

242.1650, 3.6690, -5.9230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 241.9510, 9.7230, -16.5250 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(241, 250, 203)` looks like.

```
.text, #text, p{  
    color:rgb(241, 250, 203)  
}
```

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(241, 250, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 250, 203) }
```

Border

The CSS property to change the border of an element to YIQ 241.9510, 9.7230, -16.5250 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(241, 250, 203) }
```


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

```
.border{ border-color:rgb(241, 250, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 250, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 250, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 250, 203);  
box-shadow:4px 4px 4px 4px rgb(241, 250,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 241.9510, 9.7230, -16.5250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 250, 203) }
```

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

```
.background{ background-color: rgb(241,  
250, 203) }
```

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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