

Converting Colors

YIQ(240.3140, 21.4620,
-25.5300)

Have a look what the booklet for
YIQ(240.3140, 21.4620, -25.5300)
contains.

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Color

**YIQ(240.3140, 21.4620,
-25.5300)**

Conversions

Conversions Part 1

Format	Color
Hex	F5FBAD
RGB	245, 251, 173
RGB Percent	96%, 98%, 68%
CMY	0.0393, 0.0157, 0.3214
CMYK	0.02, 0.00, 0.31, 0.02
HSL	65°, 91%, 83%
HSV	65°, 31%, 98%
XYZ	79.6949, 91.4240, 53.0002
YIQ	240.3140, 21.4620, -25.5300

Conversions

Conversions Part 2

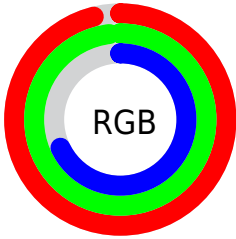
Format	Color
RYB	173, 251, 179
Decimal	16120749
CIELab	96.58, -13.79, 36.78
CIELCh	97, 39.285, 110.554
Yxy	91.4240, 0.3556, 0.4079
Android (android.graphics.Color)	4294310829 (0xFFF5FBAD)
YUV	240.3140, -33.1858, 4.1096
Hunter-Lab	95.6159, -18.5498, 34.0665

Details

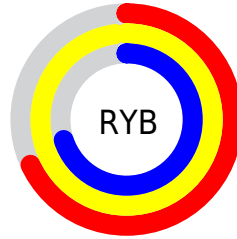
The YIQ color $240.3140, 21.4620, -25.5300$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $183.6860, -21.4620, 25.5300$, and the grayscale version is $241.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $252.0360, 8.3460, -8.0860$, and $184.3570, 19.9030, -24.8090$ is the 20% darker color. If you saturate the color by 10%, you get $236.8660, 28.2950, -33.7290$, and if you desaturate by 10%, it is $243.7620, 14.6290, -17.3310$.

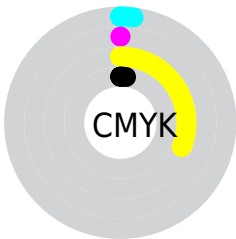
Distribution



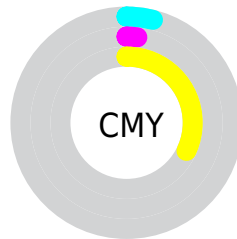
- Red (96%)
- Green (98%)
- Blue (68%)



- Red (68%)
- Yellow (98%)
- Blue (70%)



- Cyan (2%)
- Magenta (0%)
- Yellow (31%)
- Black (2%)



- Cyan (4%)
- Magenta (2%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 240.3140, 21.4620, -25.5300 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 240.3140, 21.4620, -25.5300 by changing the saturation by 10% instead.

240.3140, 21.4620,
-25.5300

240.3140, 21.4620,
-25.5300

255.0000, -0.0000,
-0.0000

211.5420, 20.8200,
-24.9080

252.0360, 8.3460,
-8.0860

184.3570, 19.9030,
-24.8090

156.5850, 19.2610,
-24.1870

130.5140, 18.0230,
-23.7770

105.3290, 17.1060,
-23.6780

80.3290, 17.1060,
-23.6780

56.9590, 15.2720,

-23.4800

■ 36.5810, 7.8890,
-16.3270

■ 15.5610, -6.5540,
-13.3860

■ 240.3140, 21.4620,
-25.5300

■ 240.3140, 21.4620,
-25.5300

■ 236.8660, 28.2950,
-33.7290

■ 243.7620, 14.6290,
-17.3310

■ 233.4180, 35.1280,
-41.9280

■ 247.2100, 7.7960,
-9.1320

■ 229.9700, 41.9610,
-50.1270

■ 250.6580, 0.9630,
-0.9330

■ 226.5220, 48.7940,
-58.3260

■ 252.0540, -0.0920,
1.6680

■ 223.0740, 55.6270,
-66.5250

■ 252.6520, 1.1000,
2.0920

■ 219.5120, 62.7810,
-75.0350

■ 216.7050, 69.2470,
-82.0890

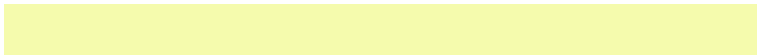
Harmonies

Analogous

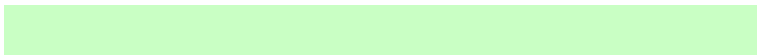
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.9180, 31.6850, -18.0670



240.3140, 21.4620, -25.5300



232.1280, -13.2450, -29.7970

Triad

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



240.3140, 21.4620, -25.5300



218.2230, -73.3080, -26.0760



233.2810, 10.1750, 19.3510

Complementary

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



240.3140, 21.4620, -25.5300



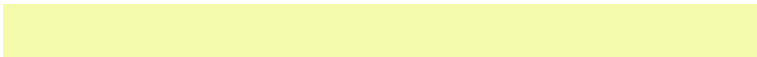
183.6860, -21.4620, 25.5300

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.



238.5640, 7.7000, 14.6440



240.3140, 21.4620, -25.5300



230.2160, -45.0670, -14.7550

Square

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



240.3140, 21.4620, -25.5300



216.4290, -76.8840, -27.3480



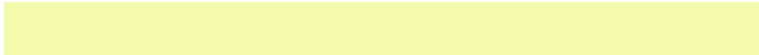
239.9160, -8.3910, 3.3930



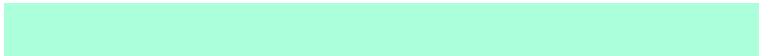
229.2910, 21.4100, 8.4660

Rectangle

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



240.3140, 21.4620, -25.5300



226.0790, -37.9120, -28.7920



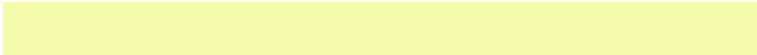
239.9160, -8.3910, 3.3930



234.4550, 9.6250, 18.3050

Sweetspot

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



240.3140, 21.4620, -25.5300



251.7800, 6.1910, -7.5770



199.2570, 45.1130, 13.9210



125.6920, 3.6230, -5.0890



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

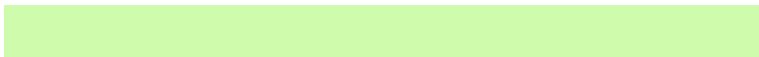
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.3140, 21.4620, -25.5300



242.1910, 26.0020, -30.7180



228.9520, -1.1860, -33.5860



123.2190, 3.5770, -4.2550



162.9690, 51.7290, -61.9590



52.5510, 16.6010, -20.0310

Inverse Universe

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



183.6860, -21.4620, 25.5300



173.8090, -26.0020, 30.7180



195.0480, 1.1860, 33.5860



113.7810, -3.5770, 4.2550



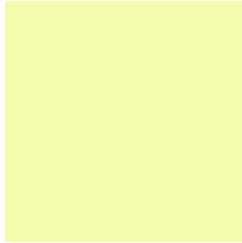
26.0310, -51.7290, 61.9590



8.4490, -16.6010, 20.0310

Previews

White Background



This preview shows how the YIQ color 240.3140, 21.4620, -25.5300 looks on a white background.

Color Contrast Check

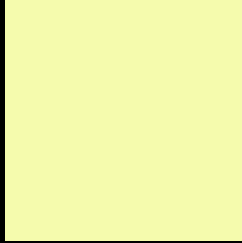
Large Text (above 18pt) WCAG AA × Fail

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 240.3140, 21.4620, -25.5300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

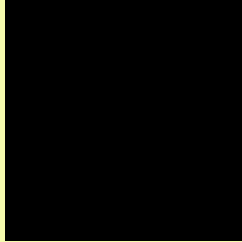
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 240.3140, 21.4620, -25.5300

Background



This preview shows how black text looks on a background with the YIQ color 240.3140, 21.4620, -25.5300.



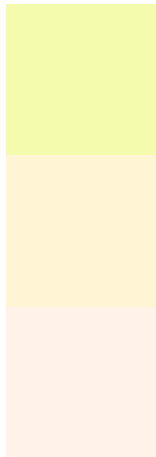
This preview shows how white text looks on a background with the YIQ color 240.3140, 21.4620, -25.5300.

-25.5300.

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

240.3140, 21.4620, -25.5300

Protanopia

244.2280, 16.5530, -8.1430

Deuteranopia

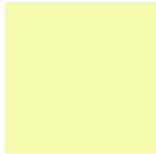
245.4480, 10.3620, -0.5660



Tritanopia

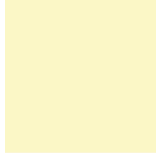
246.7710, 2.3830, 6.3750

Trichromacy



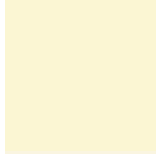
Original Color

240.3140, 21.4620, -25.5300



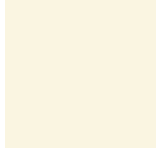
Protanomaly

242.6100, 18.1130, -14.3910



Deuteranomaly

243.5050, 14.2150, -9.8250



Tritanomaly

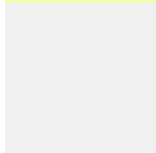
244.2150, 9.4000, -5.1600

Monochromacy



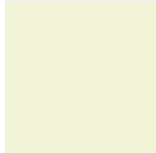
Original Color

240.3140, 21.4620, -25.5300



Achromatopsia

240.0000, -0.0000, -0.0000



Achromatomaly

240.2100, 7.7960, -9.1320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 240.3140, 21.4620, -25.5300 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(245, 251, 173)` looks like.

```
.text, #text, p{  
    color:rgb(245, 251, 173)  
}
```

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(245, 251, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 251, 173) }
```

Border

The CSS property to change the border of an element to YIQ 240.3140, 21.4620, -25.5300 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(245, 251, 173) }
```


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

```
.border{ border-color:rgb(245, 251, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 251, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 251, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 251, 173);  
box-shadow:4px 4px 4px 4px rgb(245, 251,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 240.3140, 21.4620, -25.5300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 251, 173) }
```

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

```
.background{ background-color: rgb(245,  
251, 173) }
```

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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