

# Converting Colors

YIQ(218.4470, 37.3250,  
-21.1630)

Have a look what the booklet for  
YIQ(218.4470, 37.3250, -21.1630)  
contains.

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# Color

**YIQ(218.4470, 37.3250,  
-21.1630)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1DE8D
RGB	241, 222, 141
RGB Percent	95%, 87%, 55%
CMY	0.0549, 0.1294, 0.4468
CMYK	0.00, 0.08, 0.41, 0.05
HSL	49°, 78%, 75%
HSV	49°, 41%, 95%
XYZ	67.2060, 72.8634, 35.7422
YIQ	218.4470, 37.3250, -21.1630

# Conversions

## Conversions Part 2

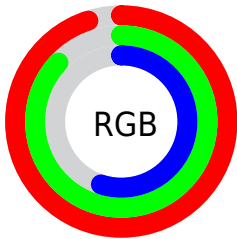
Format	Color
<a href="#">RYB</a>	164, 241, 141
Decimal	15851149
CIELab	88.38, -4.48, 42.00
CIELCh	88, 42.243, 96.089
Yxy	72.8634, 0.3823, 0.4144
Android (android.graphics.Color)	4294041229 (0xFFFF1DE8D)
YUV	218.4470, -38.1814, 19.7790
Hunter-Lab	85.3601, -8.8429, 34.9260

# Details

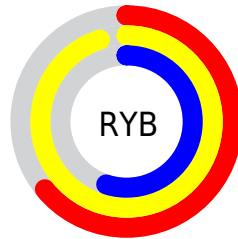
The YIQ color **218.4470, 37.3250, -21.1630** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **163.5530, -37.3250, 21.1630**, and the grayscale version is **219.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **248.2740, 18.9390, -18.3490**, and **162.8920, 34.5740, -20.8660** is the 20% darker color. If you saturate the color by 10%, you get **212.7760, 46.4040, -26.0120**, and if you desaturate by 10%, it is **224.1180, 28.2460, -16.3140**.

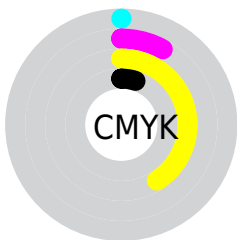
# Distribution



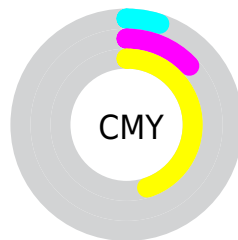
- Red (95%)
- Green (87%)
- Blue (55%)



- Red (64%)
- Yellow (95%)
- Blue (55%)



- Cyan (0%)
- Magenta (8%)
- Yellow (41%)
- Black (5%)



- Cyan (5%)
- Magenta (13%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 218.4470, 37.3250, -21.1630 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 218.4470, 37.3250, -21.1630 by changing the saturation by 10% instead.



218.4470, 37.3250,  
-21.1630

218.4470, 37.3250,  
-21.1630

255.0000, -0.0000,  
-0.0000

190.3760, 36.0870,  
-20.7530

248.2740, 18.9390,  
-18.3490

162.8920, 34.5740,  
-20.8660

251.4660, 9.9510,  
-9.6410

136.4080, 33.0610,  
-20.9790

254.7720, 0.6420,  
-0.6220

110.3370, 31.8230,  
-20.5690

85.3970, 31.5940,  
-21.9260

62.6400, 26.5960,  
-19.4520

42.2510, 17.7460,

-13.2460

■ 22.7480, 9.2170,  
-7.3510

■ 0.0000, 0.0000,  
0.0000

■ 218.4470, 37.3250,  
-21.1630

■ 218.4470, 37.3250,  
-21.1630

■ 212.7760, 46.4040,  
-26.0120

■ 224.1180, 28.2460,  
-16.3140

■ 207.6920, 55.2080,  
-31.3840

■ 229.2020, 19.4420,  
-10.9420

■ 202.0210, 64.2870,  
-36.2330

■ 234.8730, 10.3630,  
-6.0930

■ 196.9370, 73.0910,  
-41.6050

■ 239.9570, 1.5590,  
-0.7210

■ 191.2660, 82.1700,  
-46.4540

■ 244.9440, -5.5940,  
2.2620

■ 186.5240, 90.0110,  
-50.8930

■ 247.2920, -6.6940,  
0.1700

■ 250.2270, -8.0690,  
-2.4450

■ 250.8140, -8.3440,  
-2.9680

# Harmonies

## Analogous

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



215.3270, 46.9510, -8.3850



218.4470, 37.3250, -21.1630



213.6430, 4.1780, -31.6780

# Triad

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



218.4470, 37.3250, -21.1630



193.2500, -104.3010, -31.5730



220.3670, 16.2250, 30.8570

# Complementary

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



218.4470, 37.3250, -21.1630



163.5530, -37.3250, 21.1630

# 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.



222.3280, 2.7930, 20.9770



218.4470, 37.3250, -21.1630



201.1010, -78.5360, -19.4320

# Square

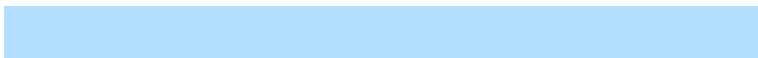
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



218.4470, 37.3250, -21.1630



199.2340, -81.0090, -35.1930



213.4920, -36.4960, 0.6240



212.8720, 30.4400, 21.0320

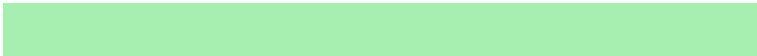


# Rectangle

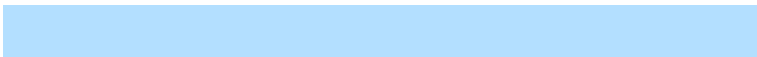
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



218.4470, 37.3250, -21.1630



209.9910, -23.2850, -35.0690



213.4920, -36.4960, 0.6240



222.1280, 15.4000, 29.2880

# Sweetspot

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



218.4470, 37.3250, -21.1630



247.9440, 11.6010, -6.5030



173.1800, 53.1800, 27.4200



123.6000, 6.8780, -3.5060



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.



218.4470, 37.3250, -21.1630



226.4340, 47.3670, -26.9450



220.6300, 14.2200, -37.4600



117.4580, 4.4020, -2.6860



142.4790, 68.6890, -38.9190



43.1590, 21.0010, -11.6630



# Inverse Universe

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



163.5530, -37.3250, 21.1630



156.5660, -47.3670, 26.9450



161.3700, -14.2200, 37.4600



110.5420, -4.4020, 2.6860



41.5210, -68.6890, 38.9190

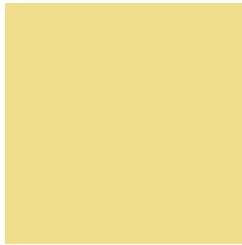


12.8410, -21.0010, 11.6630



# Previews

## White Background



This preview shows how the YIQ color 218.4470, 37.3250, -21.1630 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

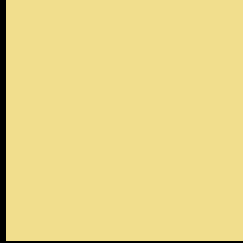
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 218.4470, 37.3250, -21.1630 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

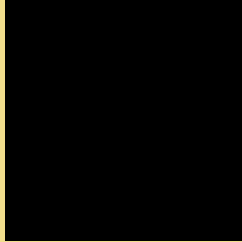
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 218.4470, 37.3250, -21.1630

## Background



This preview shows how black text looks on a background with the YIQ color 218.4470, 37.3250, -21.1630.



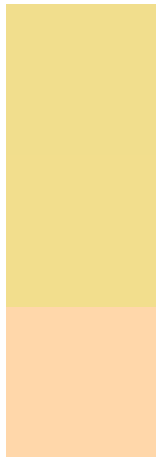
This preview shows how white text looks on a background with the YIQ color 218.4470, 37.3250, -21.1630.

-21.1630.

# 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

218.4470, 37.3250, -21.1630

### Protanopia

218.7460, 37.9210, -20.9510

### Deuteranopia

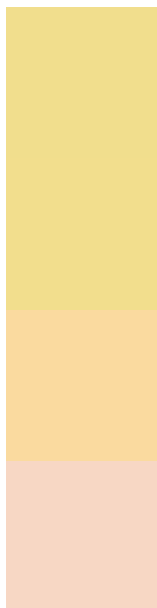
221.8300, 38.2850, -5.5150



## Tritanopia

224.5990, 17.7870, 13.5550

# Trichromacy



## Original Color

218.4470, 37.3250, -21.1630

## Protanomaly

218.7460, 37.9210, -20.9510

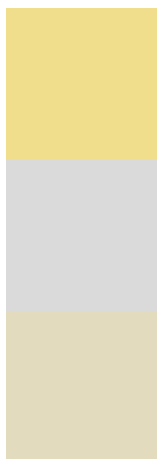
## Deuteranomaly

220.8420, 38.0110, -11.5650

## Tritanomaly

222.4020, 25.1710, 0.8750

# Monochromacy



## Original Color

218.4470, 37.3250, -21.1630

## Achromatopsia

218.0000, -0.0000, 0.0000

## Achromatomaly

217.7870, 13.4810, -7.5350

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 218.4470, 37.3250, -21.1630 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, 222, 141)` looks like.

```
.text, #text, p{  
    color:rgb(241, 222, 141)  
}
```

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, 222, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 222, 141) }
```

## Border

The CSS property to change the border of an element to YIQ 218.4470, 37.3250, -21.1630 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, 222, 141) }
```



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

```
.border{ border-color:rgb(241, 222, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 222, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 222, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 222, 141);  
box-shadow:4px 4px 4px 4px rgb(241, 222,  
141) }
```

# Background

The CSS property to change the background color of an element to YIQ 218.4470, 37.3250, -21.1630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 222, 141) }
```

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

```
.background{ background-color: rgb(241,  
222, 141) }
```

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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