

# Converting Colors

YIQ(243.7460, 11.5580,  
-22.2500)

Have a look what the booklet for  
YIQ(243.7460, 11.5580, -22.2500)  
contains.

<b>YIQ(243.7460, 11.5580, -22.2500)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(243.7460, 11.5580,  
-22.2500)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1FFC1
RGB	241, 255, 193
RGB Percent	95%, 100%, 76%
CMY	0.0550, 0.0000, 0.2430
CMYK	0.05, 0.00, 0.24, 0.00
HSL	74°, 100%, 88%
HSV	74°, 24%, 100%
XYZ	81.6577, 94.0689, 64.3194
YIQ	243.7460, 11.5580, -22.2500

# Conversions

## Conversions Part 2

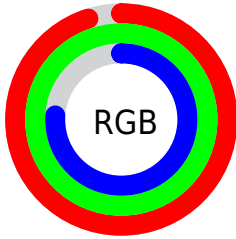
<b>Format</b>	<b>Color</b>
<b>RYB</b>	193, 255, 207
Decimal	15859649
CIELab	97.66, -14.59, 28.15
CIElCh	98, 31.708, 117.393
Yxy	94.0689, 0.3402, 0.3919
Android (android.graphics.Color)	4294049729 (0xFFFF1FFC1)
YUV	243.7460, -25.0178, -2.4082
Hunter-Lab	96.9891, -19.4471, 28.5736

# Details

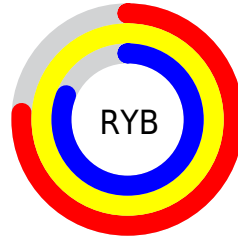
The YIQ color  $243.7460, 11.5580, -22.2500$  is a light color, and the websafe version is hex  $FFFFCC$ . A complement of this color would be  $204.2540, -11.5580, 22.2500$ , and the grayscale version is  $244.0000, 0.0000, -0.0000$ .

A 20% lighter version of the original color is  $254.4300, 1.6050, -1.5550$ , and  $187.0880, 10.5950, -21.3170$  is the 20% darker color. If you saturate the color by 10%, you get  $239.1020, 16.0070, -31.2970$ , and if you desaturate by 10%, it is  $248.5040, 6.7880, -12.8920$ .

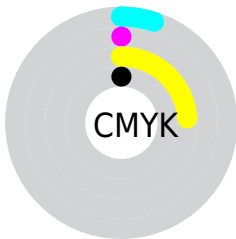
# Distribution



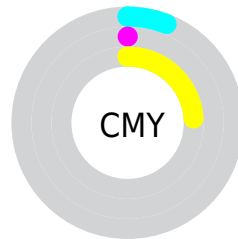
- Red (95%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (81%)



- Cyan (5%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)




- Cyan (6%)
- Magenta (0%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 243.7460, 11.5580, -22.2500 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 243.7460, 11.5580, -22.2500 by changing the saturation by 10% instead.





 243.7460, 11.5580,  
-22.2500


 243.7460, 11.5580,  
-22.2500

255.0000, -0.0000,  
-0.0000

 214.9740, 10.9160,  
-21.6280


 254.4300, 1.6050,  
-1.5550

 187.0880, 10.5950,  
-21.3170

 160.2020, 10.2740,  
-21.0060

 133.7290, 10.2280,  
-20.1720

 108.5440, 9.3110,  
-20.0730

 83.7720, 8.6690,  
-19.4510

 60.0000, 8.0270,

-18.8290

■ 38.6410, 7.6600,  
-17.6840

■ 17.9310, -4.7200,  
-13.5840

■ 243.7460, 11.5580,  
-22.2500

■ 243.7460, 11.5580,  
-22.2500

■ 239.1020, 16.0070,  
-31.2970

■ 248.5040, 6.7880,  
-12.8920

■ 234.3440, 20.7770,  
-40.6550

■ 253.1480, 2.3390,  
-3.8450

■ 229.9990, 25.8220,  
-49.4900

255.0000, -0.0000,  
-0.0000

■ 225.2410, 30.5920,  
-58.8480

■ 220.5970, 35.0410,  
-67.8950

■ 215.8390, 39.8110,  
-77.2530

■ 211.4940, 44.8560,  
-86.0880

■ 208.5880, 47.2870,  
-91.6010

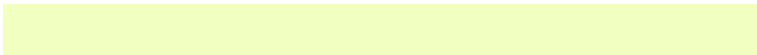
# Harmonies

## Analogous

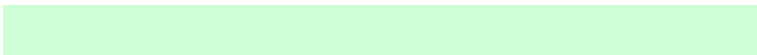
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.3780, 24.5780, -15.9180



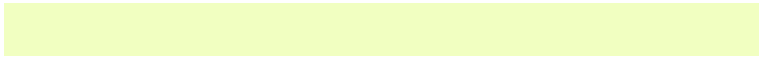
243.7460, 11.5580, -22.2500



235.6750, -16.0430, -23.1390

# Triad

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



243.7460, 11.5580, -22.2500



229.8840, -50.0640, -17.8080



237.6350, 8.9380, 14.2340

# Complementary

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



243.7460, 11.5580, -22.2500



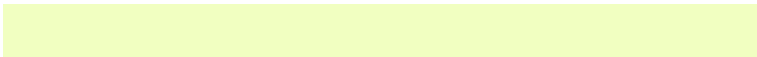
204.2540, -11.5580, 22.2500

# 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



243.7460, 11.5580, -22.2500



238.8870, -27.7830, -8.6070

# Square

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



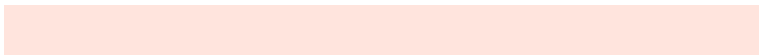
243.7460, 11.5580, -22.2500



226.2960, -57.2160, -20.3520



245.2870, 0.8700, 6.2620

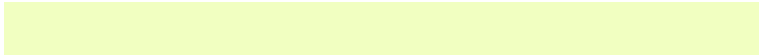


235.2750, 18.3390, 3.5470

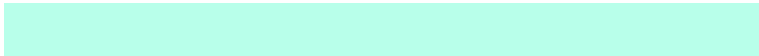


# Rectangle

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



243.7460, 11.5580, -22.2500



231.3770, -35.5750, -21.5830



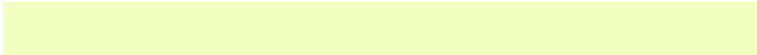
245.2870, 0.8700, 6.2620



238.5640, 7.7000, 14.6440

# Sweetspot

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



243.7460, 11.5580, -22.2500



251.7520, 3.3940, -6.4460



219.1690, 33.3770, 6.3450



125.8490, 1.7430, -4.0570



0.0000, 0.0000, 0.0000

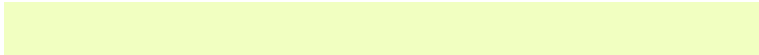


128.0000, -0.0000, -0.0000

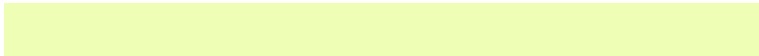


# Same Dimension

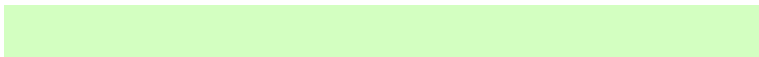
The Same Dimension uses a secret algorithm to generate beautiful new colors.



243.7460, 11.5580, -22.2500



241.4810, 13.6220, -26.6180



234.7760, -6.3220, -28.6100



125.6210, 2.3850, -4.6790



156.3690, 35.6830, -68.5170



52.2190, 11.6040, -23.0840



# Inverse Universe

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



204.2540, -11.5580, 22.2500



194.5190, -13.6220, 26.6180



213.2240, 6.3220, 28.6100



117.3790, -2.3850, 4.6790



34.6310, -35.6830, 68.5170

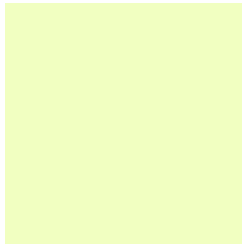


11.4820, -12.2000, 22.8720



# Previews

## White Background



This preview shows how the YIQ color 243.7460, 11.5580, -22.2500 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

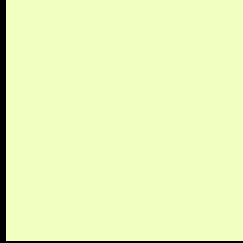
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 243.7460, 11.5580, -22.2500 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

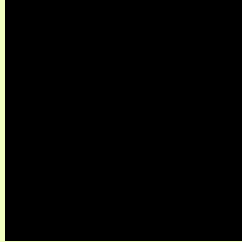
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

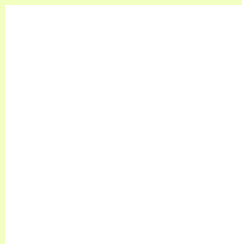
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 243.7460, 11.5580, -22.2500

## Background



This preview shows how black text looks on a background with the YIQ color 243.7460, 11.5580, -22.2500.



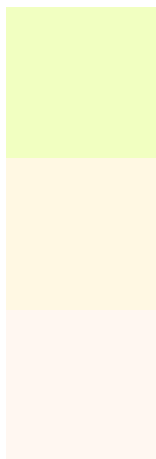
This preview shows how white text looks on a background with the YIQ color 243.7460, 11.5580, -22.2500.

-22.2500.

# 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

243.7460, 11.5580, -22.2500

### Protanopia

247.6990, 10.9130, -5.0470

### Deuteranopia

248.7080, 6.6940, -0.1700

## **Tritanopia**

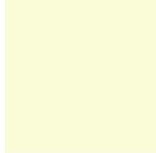
248.5100, -1.3760, 2.9120

# Trichromacy



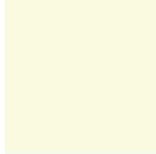
## Original Color

243.7460, 11.5580, -22.2500



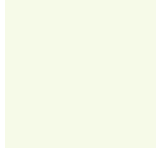
## Protanomaly

246.5970, 10.9600, -11.4080



## Deuteranomaly

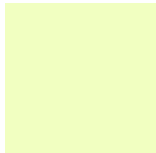
247.0360, 8.3460, -8.0860



## Tritanomaly

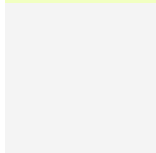
246.7520, 3.3940, -6.4460

# Monochromacy



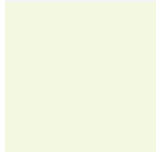
## Original Color

243.7460, 11.5580, -22.2500



## Achromatopsia

244.0000, 0.0000, -0.0000



## Achromatomaly

243.8830, 4.4030, -8.2130

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 243.7460, 11.5580, -22.2500 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, 255, 193)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 193)  
}
```

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, 255, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 193) }
```

## Border

The CSS property to change the border of an element to YIQ 243.7460, 11.5580, -22.2500 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, 255, 193) }
```



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

```
.border{ border-color:rgb(241, 255, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 255, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 193);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
193) }
```

# Background

The CSS property to change the background color of an element to YIQ 243.7460, 11.5580, -22.2500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 255, 193) }
```

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

```
.background{ background-color: rgb(241,  
255, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor