

# Converting Colors

YIQ(201.0730, 22.9780,  
-41.9980)

Have a look what the booklet for  
YIQ(201.0730, 22.9780, -41.9980)  
contains.

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# Color

**YIQ(201.0730, 22.9780,  
-41.9980)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5DE68
RGB	197, 222, 104
RGB Percent	77%, 87%, 41%
CMY	0.2276, 0.1294, 0.5920
CMYK	0.11, 0.00, 0.53, 0.13
HSL	73°, 64%, 64%
HSV	73°, 53%, 87%
XYZ	51.6421, 65.1141, 22.9556
YIQ	201.0730, 22.9780, -41.9980

# Conversions

## Conversions Part 2

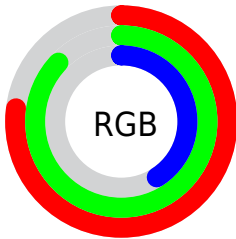
Format	Color
<a href="#">RYB</a>	<a href="#">104, 222, 129</a>
Decimal	<a href="#">12967528</a>
<a href="#">CIELab</a>	<a href="#">84.54, -25.37, 54.31</a>
<a href="#">CIELCh</a>	<a href="#">85, 59.950, 115.041</a>
<a href="#">Yxy</a>	<a href="#">65.1141, 0.3696, 0.4661</a>
Android (android.graphics.Color)	<a href="#">4291157608</a> ( <a href="#">0xFFC5DE68</a> )
<a href="#">YUV</a>	<a href="#">201.0730, -47.8570, -3.5720</a>
<a href="#">Hunter-Lab</a>	<a href="#">80.6933, -26.9769, 39.6186</a>

# Details

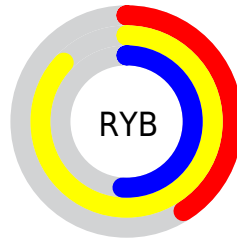
The YIQ color **201.0730, 22.9780, -41.9980** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **124.9270, -22.9780, 41.9980**, and the grayscale version is **202.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **243.9420, 31.1370, -30.1670**, and **146.0020, 21.7400, -41.5880** is the 20% darker color. If you saturate the color by 10%, you get **197.0700, 27.0600, -49.9000**, and if you desaturate by 10%, it is **205.0760, 18.8960, -34.0960**.

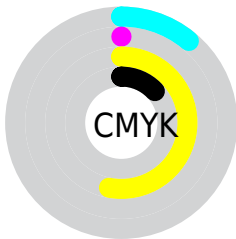
# Distribution



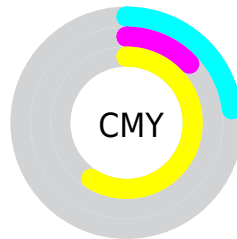
- Red (77%)
- Green (87%)
- Blue (41%)



- Red (41%)
- Yellow (87%)
- Blue (51%)



- Cyan (11%)
- Magenta (0%)
- Yellow (53%)
- Black (13%)




- Cyan (23%)
- Magenta (13%)
- Yellow (59%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 201.0730, 22.9780, -41.9980 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 201.0730, 22.9780, -41.9980 by changing the saturation by 10% instead.





 201.0730, 22.9780,  
-41.9980


 201.0730, 22.9780,  
-41.9980

255.0000, -0.0000,  
-0.0000

 173.3010, 22.3360,  
-41.3760


 243.9420, 31.1370,  
-30.1670

 146.0020, 21.7400,  
-41.5880


 247.1340, 22.1490,  
-21.4590

 118.5460, 23.0240,  
-42.8320

 250.3260, 13.1610,  
-12.7510

 93.5180, 20.2270,  
-41.7010

 253.7460, 3.5310,  
-3.4210

 71.0690, 11.6060,  
-34.1380

 49.7940, 2.4350,  
-27.6210

 27.3230, -9.1200,

-21.9520

■ 14.6750, -6.8750,  
-13.0750

■ 0.0000, 0.0000,  
0.0000

■ 201.0730, 22.9780,  
-41.9980

■ 201.0730, 22.9780,  
-41.9980

■ 197.0700, 27.0600,  
-49.9000

■ 205.0760, 18.8960,  
-34.0960

■ 193.3660, 31.7380,  
-57.5900


■ 208.7800, 14.2180,  
-26.4060


■ 189.2490, 36.1410,  
-65.8030

■ 212.8970, 9.8150,  
-18.1930


■ 185.2460, 40.2230,  
-73.7050


■ 216.9000, 5.7330,  
-10.2910

 182.6390, 43.2500,  
-79.0060

 220.9030, 1.6510,  
-2.3890

 224.6070, -3.0270,  
5.3010

 228.1540, -5.8250,  
11.9590

 229.6490, -2.8450,  
13.0190

 230.8450, -0.4610,  
13.8670

# Harmonies

## Analogous

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



206.8120, 63.9180, -24.0340



201.0730, 22.9780, -41.9980



191.4590, -34.0110, -49.9390

# Triad

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



201.0730, 22.9780, -41.9980



165.8410, -145.9300, -42.5540



197.9350, 35.2970, 37.6410

# Complementary

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



201.0730, 22.9780, -41.9980



124.9270, -22.9780, 41.9980

# 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.



209.8010, 21.1750, 40.2710



201.0730, 22.9780, -41.9980



181.2330, -96.4630, -19.4310

# Square

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



201.0730, 22.9780, -41.9980



169.3630, -147.5800, -45.6920



206.2700, -17.6550, 17.1050



193.1980, 52.7690, 18.3450



# Rectangle

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



201.0730, 22.9780, -41.9980



176.0730, -91.6420, -57.2580



206.2700, -17.6550, 17.1050



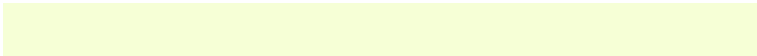
201.8620, 28.3730, 41.9810

# Sweetspot

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



201.0730, 22.9780, -41.9980



247.6350, 7.7970, -14.6590



153.3700, 63.7280, 12.4640



123.3560, 4.4490, -9.0470



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.



201.0730, 22.9780, -41.9980



225.9530, 31.4630, -58.1130



183.7310, -11.5900, -54.2940



110.1480, 2.3390, -3.8450



144.8730, 34.4440, -62.5800



39.5380, 9.4480, -17.0480



# Inverse Universe

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



124.9270, -22.9780, 41.9980



120.7480, -32.0590, 57.9010



142.2690, 11.5900, 54.2940



102.8520, -2.3390, 3.8450



31.1270, -34.4440, 62.5800



8.4620, -9.4480, 17.0480



# Previews

## White Background



This preview shows how the YIQ color 201.0730, 22.9780, -41.9980 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 201.0730, 22.9780, -41.9980 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

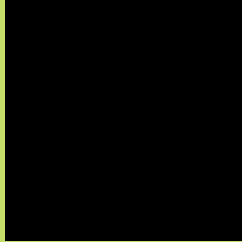
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 201.0730, 22.9780, -41.9980

## Background



This preview shows how black text looks on a background with the YIQ color 201.0730, 22.9780, -41.9980.



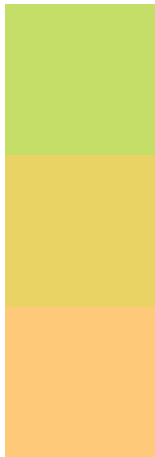
This preview shows how white text looks on a background with the YIQ color 201.0730, 22.9780,

-41.9980.

# 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

201.0730, 22.9780, -41.9980

### Protanopia

204.9240, 48.7430, -29.8570

### Deuteranopia

208.1400, 57.5430, -13.1210



## Tritanopia

211.4220, -3.9440, 5.4000

# Trichromacy



## Original Color

201.0730, 22.9780, -41.9980

## Protanomaly

203.4990, 39.5740, -34.3940

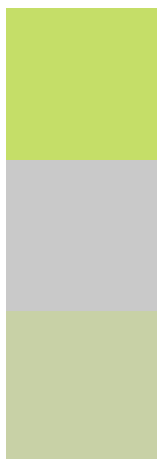
## Deuteranomaly

205.7590, 45.0740, -23.9340

## Tritanomaly

207.8460, 5.8250, -11.9590

# Monochromacy



## Original Color

201.0730, 22.9780, -41.9980

## Achromatopsia

201.0000, -0.0000, 0.0000

## Achromatomaly

201.4070, 8.4390, -15.2810

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 201.0730, 22.9780, -41.9980 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(197, 222, 104)` looks like.

```
.text, #text, p{  
    color:rgb(197, 222, 104)  
}
```

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(197, 222, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 222, 104) }
```

## Border

The CSS property to change the border of an element to YIQ 201.0730, 22.9780, -41.9980 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(197, 222, 104) }
```



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

```
.border{ border-color:rgb(197, 222, 104) }
```

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

Here you see how a box with a 4 pixel rgb(197, 222, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 222, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 222, 104);  
box-shadow:4px 4px 4px 4px rgb(197, 222,  
104) }
```

# Background

The CSS property to change the background color of an element to YIQ 201.0730, 22.9780, -41.9980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 222, 104) }
```

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

```
.background{ background-color: rgb(197,  
222, 104) }
```

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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