

# Converting Colors

YIQ(205.6950, 68.3210,  
-32.2470)

Have a look what the booklet for  
YIQ(205.6950, 68.3210, -32.2470)  
contains.

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# Color

**YIQ(205.6950, 68.3210,  
-32.2470)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBD04B
RGB	251, 208, 75
RGB Percent	98%, 82%, 29%
CMY	0.0157, 0.1844, 0.7055
CMYK	0.00, 0.17, 0.70, 0.02
HSL	45°, 96%, 64%
HSV	45°, 70%, 98%
XYZ	63.6101, 66.1222, 16.0840
YIQ	205.6950, 68.3210, -32.2470

# Conversions

## Conversions Part 2

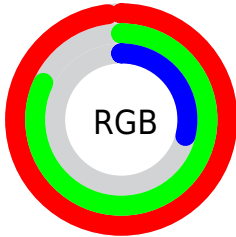
Format	Color
<a href="#">RYB</a>	<a href="#">132, 251, 75</a>
Decimal	<a href="#">16502859</a>
<a href="#">CIELab</a>	<a href="#">85.06, 1.76, 68.51</a>
<a href="#">CIElCh</a>	<a href="#">85, 68.537, 88.532</a>
<a href="#">Yxy</a>	<a href="#">66.1222, 0.4362, 0.4535</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4294692939 (0xFFFBD04B)</a>
<a href="#">YUV</a>	<a href="#">205.6950, -64.4326, 39.7325</a>
<a href="#">Hunter-Lab</a>	<a href="#">81.3156, -2.6684, 45.1935</a>

# Details

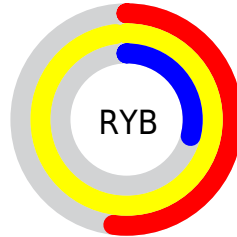
The YIQ color **205.6950, 68.3210, -32.2470** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **120.3050, -68.3210, 32.2470**, and the grayscale version is **206.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **240.8640, 39.8040, -38.5640**, and **147.4360, 70.2480, -39.6400** is the 20% darker color. If you saturate the color by 10%, you get **199.3230, 77.9960, -36.8840**, and if you desaturate by 10%, it is **212.0670, 58.6460, -27.6100**.

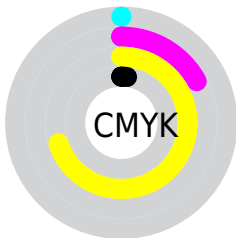
# Distribution



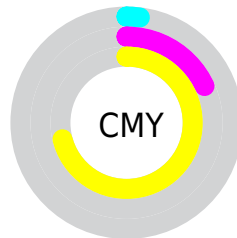
- Red (98%)
- Green (82%)
- Blue (29%)



- Red (52%)
- Yellow (98%)
- Blue (29%)



- Cyan (0%)
- Magenta (17%)
- Yellow (70%)
- Black (2%)



- Cyan (2%)
- Magenta (18%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 205.6950, 68.3210, -32.2470 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 205.6950, 68.3210, -32.2470 by changing the saturation by 10% instead.



205.6950, 68.3210,  
-32.2470

205.6950, 68.3210,  
-32.2470

255.0000, -0.0000,  
-0.0000

177.5700, 67.1750,  
-33.5050

240.8640, 39.8040,  
-38.5640

147.4360, 70.2480,  
-39.6400

244.0560, 30.8160,  
-29.8560

123.2750, 60.7560,  
-32.8120

247.2480, 21.8280,  
-21.1480

99.9290, 50.3470,  
-25.8850

250.5540, 12.5190,  
-12.1290

78.0560, 39.9840,  
-19.7920

253.8600, 3.2100,  
-3.1100

56.1830, 29.6210,  
-13.6990

36.0820, 19.9000,

-8.2280

■ 16.5790, 11.3710,  
-2.3330

■ 0.0000, 0.0000,  
0.0000

■ 205.6950, 68.3210,  
-32.2470

■ 205.6950, 68.3210,  
-32.2470

■ 199.3230, 77.9960,  
-36.8840

■ 212.0670, 58.6460,  
-27.6100

■ 192.9510, 87.6710,  
-41.5210

■ 218.4390, 48.9710,  
-22.9730

■ 186.5790, 97.3460,  
-46.1580

■ 224.8110, 39.2960,  
-18.3360

■ 231.8840, 29.0250,  
-13.9110

238.2560, 19.3500,  
-9.2740

244.6280, 9.6750,  
-4.6370

251.0000, 0.0000,  
-0.0000

253.8040, -2.3840,  
-0.8480

# Harmonies

## Analogous

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



195.8810, 68.6380, -10.4500



205.6950, 68.3210, -32.2470



199.6500, 19.4950, -50.4650

# Triad

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



205.6950, 68.3210, -32.2470



172.2980, -148.9550, -48.3070



205.1050, 23.3750, 44.4550

# Complementary

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



205.6950, 68.3210, -32.2470



120.3050, -68.3210, 32.2470

# 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.



207.2000, -11.4660, 20.5820



205.6950, 68.3210, -32.2470



167.6020, -146.7550, -44.1230

# Square

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



205.6950, 68.3210, -32.2470



166.8260, -133.5470, -63.2350



171.9530, -116.4060, -26.9500



192.0820, 39.3770, 40.7930



# Rectangle

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



205.6950, 68.3210, -32.2470



191.7340, -24.8400, -56.4560



171.9530, -116.4060, -26.9500



210.3880, 20.9000, 39.7480

# Sweetspot

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



205.6950, 68.3210, -32.2470



241.2130, 20.9090, -9.9950



132.6400, 90.7720, 50.9960



119.6560, 12.4720, -5.7680



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.



205.6950, 68.3210, -32.2470



200.0800, 82.9940, -39.3580



217.7800, 30.2720, -64.0640



121.7570, 4.9980, -2.4740



140.4520, 73.3190, -34.7210



45.2410, 23.7060, -11.1260



# Inverse Universe

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



120.3050, -68.3210, 32.2470



95.9200, -82.9940, 39.3580



108.2200, -30.2720, 64.0640



115.8300, -5.2730, 1.9510



48.5480, -73.3190, 34.7210



15.7590, -23.7060, 11.1260



# Previews

## White Background



This preview shows how the YIQ color 205.6950, 68.3210, -32.2470 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 205.6950, 68.3210, -32.2470 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 205.6950, 68.3210, -32.2470

## Background



This preview shows how black text looks on a background with the YIQ color 205.6950, 68.3210, -32.2470.



This preview shows how white text looks on a background with the YIQ color 205.6950, 68.3210,

-32.2470.

# 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

205.6950, 68.3210, -32.2470

### Protanopia

204.8570, 58.8770, -37.3070

### Deuteranopia

210.0150, 56.3970, -14.3790



## Tritanopia

215.8240, 30.3950, 16.3390

# Trichromacy



## Original Color

205.6950, 68.3210, -32.2470

## Protanomaly

205.1780, 62.4070, -35.2010

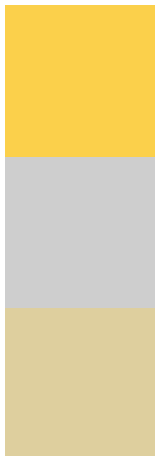
## Deuteranomaly

208.3650, 60.9830, -20.4010

## Tritanomaly

212.2870, 44.4280, -1.2040

# Monochromacy



## Original Color

205.6950, 68.3210, -32.2470

## Achromatopsia

206.0000, -0.0000, 0.0000

## Achromatomaly

205.8990, 24.6690, -12.0590

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 205.6950, 68.3210, -32.2470 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(251, 208, 75)` looks like.

```
.text, #text, p{  
    color:rgb(251, 208, 75)  
}
```

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(251, 208, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 208, 75) }
```

## Border

The CSS property to change the border of an element to YIQ 205.6950, 68.3210, -32.2470 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(251, 208, 75) }
```



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

```
.border{ border-color:rgb(251, 208, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 208, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 208, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 208, 75);  
box-shadow:4px 4px 4px 4px rgb(251, 208,  
75) }
```

# Background

The CSS property to change the background color of an element to YIQ 205.6950, 68.3210, -32.2470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 208, 75) }
```

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

```
.background{ background-color: rgb(251,  
208, 75) }
```

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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