

# Converting Colors

YIQ(204.2890, 42.0870, 13.6950)

Have a look what the booklet for  
YIQ(204.2890, 42.0870, 13.6950)  
contains.

<b>YIQ(204.2890, 42.0870, 13.6950)</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(204.2890, 42.0870,  
13.6950)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FDB8B5
RGB	253, 184, 181
RGB Percent	99%, 72%, 71%
CMY	0.0077, 0.2785, 0.2900
CMYK	0.00, 0.27, 0.28, 0.01
HSL	2°, 95%, 85%
HSV	2°, 28%, 99%
XYZ	66.0025, 58.4973, 51.5517
YIQ	204.2890, 42.0870, 13.6950

# Conversions

## Conversions Part 2

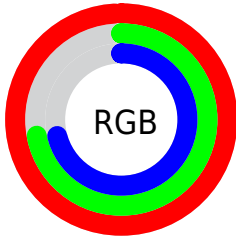
Format	Color
R <sub>Y</sub> B	253, 184, 181
Decimal	16627893
CIE Lab	81.01, 24.60, 11.39
CIE LCh	81, 27.110, 24.834
Yxy	58.4973, 0.3749, 0.3323
Android (android.graphics.Color)	4294817973 (0xFFFD8B5)
YUV	204.2890, -11.4815, 42.7195
Hunter-Lab	76.4835, 20.1927, 13.5756

# Details

The YIQ color  $204.2890, 42.0870, 13.6950$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $229.7110, -42.0870, -13.6950$ , and the grayscale version is  $204.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $244.1430, 9.9030, 2.2470$ , and  $149.7940, 39.1070, 12.6350$  is the 20% darker color. If you saturate the color by 10%, you get  $187.3510, 56.7120, 18.4720$ , and if you desaturate by 10%, it is  $221.2270, 27.4620, 8.9180$ .

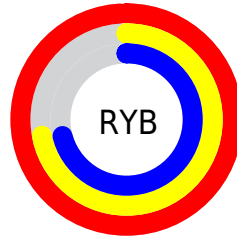
# Distribution



Red (99%)

Green (72%)

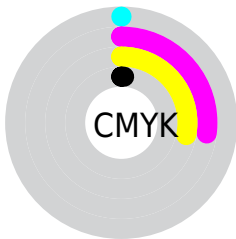
Blue (71%)



Red (99%)

Yellow (72%)

Blue (71%)

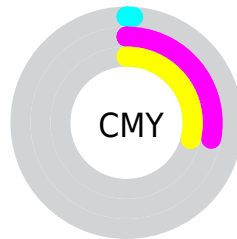


Cyan (0%)

Magenta (27%)

Yellow (28%)

Black (1%)



Cyan (1%)

Magenta (28%)


Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 204.2890, 42.0870, 13.6950 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 204.2890, 42.0870, 13.6950 by changing the saturation by 10% instead.





 204.2890, 42.0870,  
13.6950


 204.2890, 42.0870,  
13.6950


255.0000, -0.0000,  
-0.0000


 176.6910, 40.8950,  
13.2710


 244.1430, 9.9030,  
2.2470

 149.2070, 39.3820,  
13.1580

 123.3100, 37.5940,  
12.5220

 97.5270, 35.4850,  
12.1970

 73.6300, 33.6970,  
11.5610

 49.6620, 30.6710,  
11.3350

 26.2920, 28.8370,

11.5330

■ 12.0740, 23.5190,  
8.7910

■ 0.0000, 0.0000,  
0.0000

■ 204.2890, 42.0870,  
13.6950

■ 204.2890, 42.0870,  
13.6950

■ 187.3510, 56.7120,  
18.4720

■ 221.2270, 27.4620,  
8.9180

■ 169.7120, 71.9330,  
23.4610

■ 238.8660, 12.2410,  
3.9290

■ 152.7740, 86.5580,  
28.2380

254.4020, -1.1920,  
-0.4240

■ 135.8360,  
101.1830, 33.0150

■ 118.8980,  
115.8080, 37.7920

■ 101.2590,  
131.0290, 42.7810

■ 84.3210, 145.6540,  
47.5580

■ 81.5170, 148.0380,  
48.4060

# Harmonies

## Analogous

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



205.1710, 31.0360, 21.2440



204.2890, 42.0870, 13.6950



202.8400, 41.4930, 2.4290

# Triad

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



204.2890, 42.0870, 13.6950



194.4690, -12.4670, -21.8670



197.9850, -39.2020, 5.6140

# Complementary

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



204.2890, 42.0870, 13.6950



229.7110, -42.0870, -13.6950

# 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.



192.6960, -54.9260, -6.7820



204.2890, 42.0870, 13.6950



191.0070, -37.4090, -21.3850

# Square

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



204.2890, 42.0870, 13.6950



197.7940, 11.6030, -17.5570



189.7850, -54.0990, -16.2670



203.0100, -13.9870, 16.7090



# Rectangle

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



204.2890, 42.0870, 13.6950



201.2750, 35.5340, -5.2180



189.7850, -54.0990, -16.2670



195.9410, -45.0700, 1.8260

# Sweetspot

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



204.2890, 42.0870, 13.6950



239.4640, 13.4330, 4.3530



210.5080, 20.4420, 37.0340



118.0720, 8.6650, 2.6570



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.



204.2890, 42.0870, 13.6950



196.3610, 50.7520, 16.3520



224.8340, 32.4620, -4.6100



118.8870, 7.7480, 2.7560



61.8050, 111.6360, 36.3080

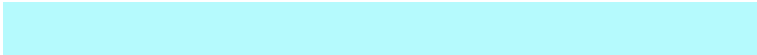


20.8970, 37.3190, 11.9990



# Inverse Universe

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



229.7110, -42.0870, -13.6950



226.6390, -50.7520, -16.3520



209.1660, -32.4620, 4.6100



123.5260, -7.4730, -2.2330



129.1950, -111.6360, -36.3080



43.1030, -37.3190, -11.9990



# Previews

## White Background



This preview shows how the YIQ color 204.2890, 42.0870, 13.6950 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

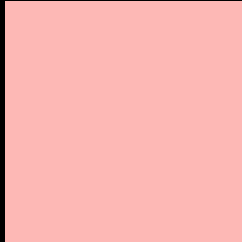
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 204.2890, 42.0870, 13.6950 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

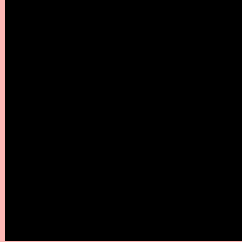
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 204.2890, 42.0870, 13.6950

## Background



This preview shows how black text looks on a background with the YIQ color 204.2890, 42.0870, 13.6950.



This preview shows how white text looks on a background with the YIQ color 204.2890, 42.0870,

13.6950.

# 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

204.2890, 42.0870, 13.6950

### Protanopia

201.8390, 7.7030, -1.9370

### Deuteranopia

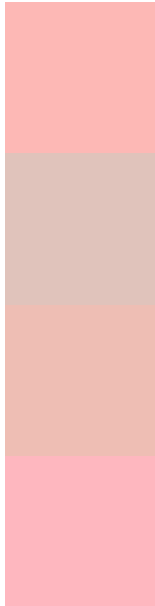
202.7550, 25.6750, 2.7550



## Tritanopia

205.4230, 39.0140, 19.8300

# Trichromacy



## Original Color

204.2890, 42.0870, 13.6950

## Protanomaly

202.7590, 19.8520, 3.6600

## Deuteranomaly

203.2120, 31.8180, 7.0660

## Tritanomaly

205.1410, 39.7480, 17.5400

# Monochromacy



## Original Color

204.2890, 42.0870, 13.6950

## Achromatopsia

204.0000, -0.0000, -0.0000

## Achromatomaly

204.3610, 15.2210, 4.9890

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 204.2890, 42.0870, 13.6950 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(253, 184, 181)` looks like.

```
.text, #text, p{  
    color:rgb(253, 184, 181)  
}
```

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(253, 184, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 184, 181) }
```

## Border

The CSS property to change the border of an element to YIQ 204.2890, 42.0870, 13.6950 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(253, 184, 181) }
```



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

```
.border{ border-color:rgb(253, 184, 181) }
```

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

Here you see how a box with a 4 pixel rgb(253, 184, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 184, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 184, 181);  
box-shadow:4px 4px 4px 4px rgb(253, 184,  
181) }
```

# Background

The CSS property to change the background color of an element to YIQ 204.2890, 42.0870, 13.6950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 184, 181) }
```

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

```
.background{ background-color: rgb(253,  
184, 181) }
```

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