

Converting Colors

YIQ(200.2890, 42.0870, 13.6950)

Have a look what the booklet for
YIQ(200.2890, 42.0870, 13.6950)
contains.

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Color

**YIQ(200.2890, 42.0870,
13.6950)**

Conversions

Conversions Part 1

Format	Color
Hex	F9B4B1
RGB	249, 180, 177
RGB Percent	98%, 71%, 69%
CMY	0.0234, 0.2942, 0.3057
CMYK	0.00, 0.28, 0.29, 0.02
HSL	2°, 86%, 84%
HSV	2°, 29%, 98%
XYZ	63.3372, 55.9542, 49.0796
YIQ	200.2890, 42.0870, 13.6950

Conversions

Conversions Part 2

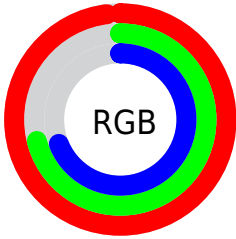
Format	Color
R _Y B	249, 180, 177
Decimal	16364721
CIE Lab	79.59, 24.71, 11.46
CIE LCh	80, 27.239, 24.878
Yxy	55.9542, 0.3762, 0.3323
Android (android.graphics.Color)	4294554801 (0xFFFF9B4B1)
YUV	200.2890, -11.4815, 42.7195
Hunter-Lab	74.8025, 20.2360, 13.4603

Details

The YIQ color **200.2890, 42.0870, 13.6950** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **225.7110, -42.0870, -13.6950**, and the grayscale version is **200.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **241.3390, 12.2870, 3.0950**, and **145.7940, 39.1070, 12.6350** is the 20% darker color. If you saturate the color by 10%, you get **183.3510, 56.7120, 18.4720**, and if you desaturate by 10%, it is **217.2270, 27.4620, 8.9180**.

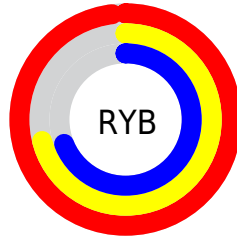
Distribution



Red (98%)

Green (71%)

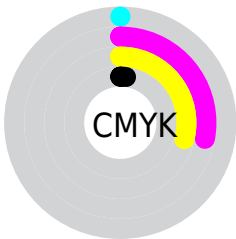
Blue (69%)



Red (98%)

Yellow (71%)

Blue (69%)

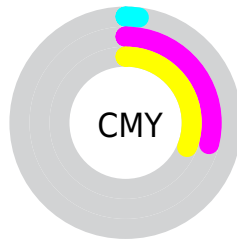


Cyan (0%)

Magenta (28%)

Yellow (29%)

Black (2%)



Cyan (2%)


Magenta (29%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 200.2890, 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 200.2890, 42.0870, 13.6950 by changing the saturation by 10% instead.


 200.2890, 42.0870,
13.6950


 200.2890, 42.0870,
13.6950


255.0000, -0.0000,
-0.0000


 172.6910, 40.8950,
13.2710


 241.3390, 12.2870,
3.0950

 145.9080, 38.7860,
12.9460

 119.4240, 37.2730,
12.8330

 94.5270, 35.4850,
12.1970

 69.7440, 33.3760,
11.8720

 46.0750, 30.9460,
11.8580

 22.4770, 29.7540,

11.4340

■ 11.1770, 21.7310,
8.1550

■ 0.0000, 0.0000,
0.0000

■ 200.2890, 42.0870,
13.6950

■ 200.2890, 42.0870,
13.6950

■ 183.3510, 56.7120,
18.4720

■ 217.2270, 27.4620,
8.9180

■ 166.4130, 71.3370,
23.2490

■ 234.1650, 12.8370,
4.1410

■ 149.4750, 85.9620,
28.0260

■ 251.1030, -1.7880,
-0.6360

■ 132.5370,
100.5870, 32.8030

■ 253.2060, -3.5760,
-1.2720

■ 116.3000,
114.6160, 37.3680

■ 99.3620, 129.2410,
42.1450

■ 82.4240, 143.8660,
46.9220

■ 80.3210, 145.6540,
47.5580

Harmonies

Analogous

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



201.4700, 31.6320, 21.4560



200.2890, 42.0870, 13.6950



198.8400, 41.4930, 2.4290

Triad

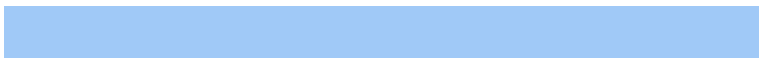
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



200.2890, 42.0870, 13.6950



190.1700, -13.0630, -22.0790



193.9850, -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.



200.2890, 42.0870, 13.6950



225.7110, -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.



188.6960, -54.9260, -6.7820



200.2890, 42.0870, 13.6950



187.0070, -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.



200.2890, 42.0870, 13.6950



193.7940, 11.6030, -17.5570



185.4860, -54.6950, -16.4790



199.0100, -13.9870, 16.7090

Rectangle

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



200.2890, 42.0870, 13.6950



197.2750, 35.5340, -5.2180



185.4860, -54.6950, -16.4790



191.7560, -45.9870, 1.9250

Sweetspot

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



200.2890, 42.0870, 13.6950



239.4640, 13.4330, 4.3530



206.5080, 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.



200.2890, 42.0870, 13.6950



194.3720, 52.2190, 17.2990



220.8340, 32.4620, -4.6100



116.4740, 7.4730, 2.2330



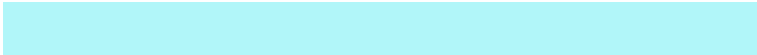
61.2070, 110.4440, 35.8840



19.4130, 35.8060, 11.8860

Inverse Universe

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



225.7110, -42.0870, -13.6950



226.0410, -51.9440, -16.7760



205.1660, -32.4620, 4.6100



120.5260, -7.4730, -2.2330



127.7930, -110.4440, -35.8840



41.5870, -35.8060, -11.8860

Previews

White Background



This preview shows how the YIQ color 200.2890, 42.0870, 13.6950 looks on a white background.

Color Contrast Check

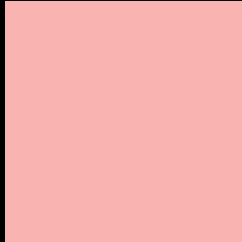
Large Text (above 18pt) WCAG AA × Fail

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 200.2890, 42.0870, 13.6950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

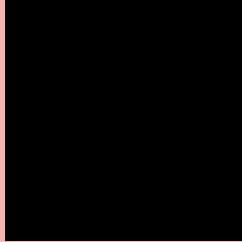
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 200.2890, 42.0870, 13.6950

Background



This preview shows how black text looks on a background with the YIQ color 200.2890, 42.0870, 13.6950.



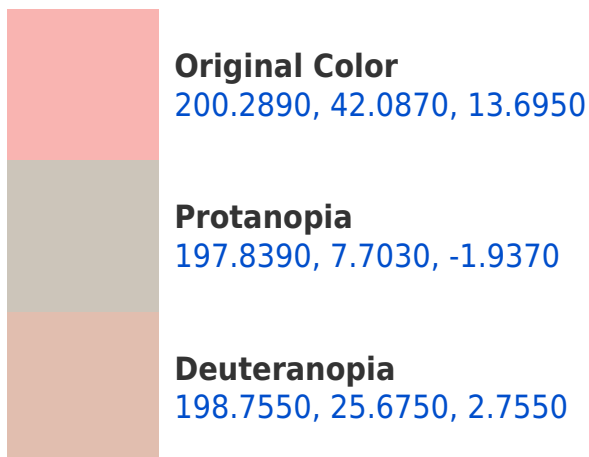
This preview shows how white text looks on a background with the YIQ color 200.2890, 42.0870,

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

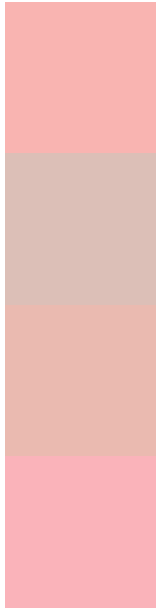




Tritanopia

201.3090, 39.3350, 19.5190

Trichromacy



Original Color

200.2890, 42.0870, 13.6950

Protanomaly

198.7590, 19.8520, 3.6600

Deuteranomaly

199.2120, 31.8180, 7.0660

Tritanomaly

201.0270, 40.0690, 17.2290

Monochromacy



Original Color

200.2890, 42.0870, 13.6950

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

200.3610, 15.2210, 4.9890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.2890, 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(249, 180, 177)` looks like.

```
.text, #text, p{  
    color:rgb(249, 180, 177)  
}
```

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(249, 180, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 180, 177) }
```

Border

The CSS property to change the border of an element to YIQ 200.2890, 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(249, 180, 177) }
```


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

```
.border{ border-color:rgb(249, 180, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 180, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 180, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 180, 177);  
box-shadow:4px 4px 4px 4px rgb(249, 180,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 200.2890, 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(249, 180, 177) }
```

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

```
.background{ background-color: rgb(249,  
180, 177) }
```

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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