

Converting Colors

YIQ(190.6450, 37.3680, -5.4160)

Have a look what the booklet for
YIQ(190.6450, 37.3680, -5.4160)
contains.

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Color

**YIQ(190.6450, 37.3680,
-5.4160)**

Conversions

Conversions Part 1

Format	Color
Hex	DFB88C
RGB	223, 184, 140
RGB Percent	87%, 72%, 55%
CMY	0.1254, 0.2785, 0.4508
CMYK	0.00, 0.17, 0.37, 0.13
HSL	32°, 56%, 71%
HSV	32°, 37%, 87%
XYZ	52.3107, 51.8596, 32.0818
YIQ	190.6450, 37.3680, -5.4160

Conversions

Conversions Part 2

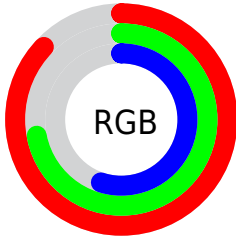
Format	Color
R_{YB}	214, 223, 140
Decimal	14661772
CIE _{Lab}	77.20, 8.04, 27.60
CIE _{LCh}	77, 28.747, 73.756
Yxy	51.8596, 0.3839, 0.3806
Android (android.graphics.Color)	4292851852 (0xFFDFB88C)
YUV	190.6450, -24.9680, 28.3753
Hunter-Lab	72.0136, 3.6387, 23.9961

Details

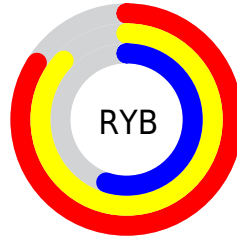
The YIQ color **190.6450, 37.3680, -5.4160** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **172.3550, -37.3680, 5.4160**, and the grayscale version is **191.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **239.2410, 23.7060, -11.1260**, and **136.6770, 34.3420, -5.6420** is the 20% darker color. If you saturate the color by 10%, you get **181.6800, 47.4550, -6.5050**, and if you desaturate by 10%, it is **199.0230, 27.5560, -3.8040**.

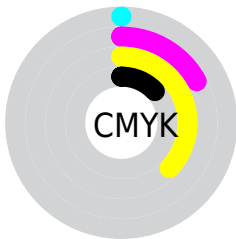
Distribution



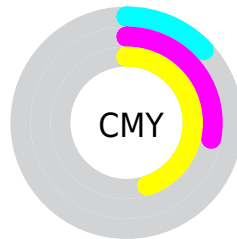
- Red (87%)
- Green (72%)
- Blue (55%)



- Red (84%)
- Yellow (87%)
- Blue (55%)



- Cyan (0%)
- Magenta (17%)
- Yellow (37%)
- Black (13%)





- Cyan (13%)
- Magenta (28%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 190.6450, 37.3680, -5.4160 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 190.6450, 37.3680, -5.4160 by changing the saturation by 10% instead.


 190.6450, 37.3680,
-5.4160


 190.6450, 37.3680,
-5.4160


255.0000, -0.0000,
-0.0000


 163.1610, 35.8550,
-5.5290


 239.2410, 23.7060,
-11.1260


 136.6770, 34.3420,
-5.6420


 251.2380, 10.5930,
-10.2630

 111.3070, 32.5080,
-5.4440

 254.5440, 1.2840,
-1.2440

 86.5240, 30.3990,
-5.7690

 63.0400, 28.8860,
-5.8820

 40.2570, 26.7770,
-6.2070

 21.0420, 17.3770,

-1.0470

■ 0.0000, 0.0000,
0.0000

■ 190.6450, 37.3680,
-5.4160

■ 190.6450, 37.3680,
-5.4160

■ 181.6800, 47.4550,
-6.5050

■ 199.0230, 27.5560,
-3.8040

■ 173.1880, 57.5880,
-8.4280

■ 208.1020, 17.1480,
-2.4040

■ 164.8100, 67.4000,
-10.0400

■ 216.4800, 7.3360,
-0.7920

■ 155.8450, 77.4870,
-11.1290

■ 225.4450, -2.7510,
0.2970

■ 147.4670, 87.2990,
-12.7410

■ 233.9370,
-12.8840, 2.2200

■ 138.3880, 97.7070,
-14.1410

■ 240.7360,
-16.8720, -2.6000

■ 135.9430,
100.4580, -14.4380

■ 245.4320,
-19.0720, -6.7840

Harmonies

Analogous

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



192.7420, 44.8850, 7.0370



190.6450, 37.3680, -5.4160



188.0400, 19.7180, -15.9460

Triad

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



190.6450, 37.3680, -5.4160



178.3350, -52.9520, -20.5360



194.5560, 2.1510, 21.5990

Complementary

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



190.6450, 37.3680, -5.4160



172.3550, -37.3680, 5.4160

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.



190.8560, -25.3570, 13.5150



190.6450, 37.3680, -5.4160



178.8260, -61.3440, -11.6160

Square

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



190.6450, 37.3680, -5.4160



180.6610, -30.6230, -23.2230



184.3750, -49.2880, 1.1760



195.0010, 25.7630, 23.1950

Rectangle

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



190.6450, 37.3680, -5.4160



186.0920, 4.7720, -20.4120



184.3750, -49.2880, 1.1760



193.7120, -7.1560, 19.5640

Sweetspot

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



190.6450, 37.3680, -5.4160



244.1770, 12.5630, -1.9090



169.3770, 36.6280, 30.0360



121.3660, 7.6570, -1.1030



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.



190.6450, 37.3680, -5.4160



210.1920, 51.7650, -7.5230



213.2390, 26.0470, -26.0250



107.8110, 4.9060, -0.8060



107.2150, 79.3210, -11.3270



29.6140, 21.4580, -3.4220

Inverse Universe

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



172.3550, -37.3680, 5.4160



184.8080, -51.7650, 7.5230



149.7610, -26.0470, 26.0250



105.1890, -4.9060, 0.8060



68.7850, -79.3210, 11.3270



18.9730, -21.7330, 2.8990

Previews

White Background



This preview shows how the YIQ color 190.6450, 37.3680, -5.4160 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 190.6450, 37.3680, -5.4160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

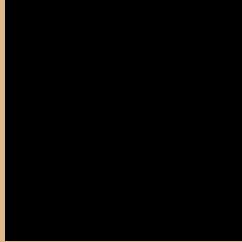
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 190.6450, 37.3680, -5.4160

Background



This preview shows how black text looks on a background with the YIQ color 190.6450, 37.3680, -5.4160.



This preview shows how white text looks on a background with the YIQ color 190.6450, 37.3680,

-5.4160.

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

190.6450, 37.3680, -5.4160

Protanopia

189.4150, 23.1560, -12.1720

Deuteranopia

190.9550, 39.4310, -4.2570



Tritanopia

193.8450, 25.9020, 15.1660

Trichromacy



Original Color

190.6450, 37.3680, -5.4160

Protanomaly

189.6330, 28.4740, -9.4300

Deuteranomaly

190.6560, 38.8350, -4.4690

Tritanomaly

192.8420, 29.9840, 7.2640

Monochromacy



Original Color

190.6450, 37.3680, -5.4160

Achromatopsia

191.0000, -0.0000, -0.0000

Achromatomaly

190.6610, 14.0760, -1.7960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.6450, 37.3680, -5.4160 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(223, 184, 140)` looks like.

```
.text, #text, p{  
    color:rgb(223, 184, 140)  
}
```

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(223, 184, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 184, 140) }
```

Border

The CSS property to change the border of an element to YIQ 190.6450, 37.3680, -5.4160 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(223, 184, 140) }
```


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

```
.border{ border-color:rgb(223, 184, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 184, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 184, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 184, 140);  
box-shadow:4px 4px 4px 4px rgb(223, 184,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 190.6450, 37.3680, -5.4160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 184, 140) }
```

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

```
.background{ background-color: rgb(223,  
184, 140) }
```

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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