

Converting Colors

YIQ(190.2100, 34.1590, -7.8330)

Have a look what the booklet for
YIQ(190.2100, 34.1590, -7.8330)
contains.

YIQ(190.2100, 34.1590, -7.8330)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(190.2100, 34.1590,
-7.8330)**

Conversions

Conversions Part 1

Format	Color
Hex	DABA8B
RGB	218, 186, 139
RGB Percent	85%, 73%, 55%
CMY	0.1451, 0.2706, 0.4547
CMYK	0.00, 0.15, 0.36, 0.15
HSL	36°, 52%, 70%
HSV	36°, 36%, 85%
XYZ	51.1365, 51.8847, 31.7625
YIQ	190.2100, 34.1590, -7.8330

Conversions

Conversions Part 2

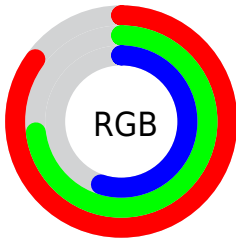
Format	Color
RYB	193, 218, 139
Decimal	14334603
CIELab	77.21, 4.89, 28.07
CIELCh	77, 28.490, 80.123
Yxy	51.8847, 0.3794, 0.3849
Android (android.graphics.Color)	4292524683 (0xFFDABA8B)
YUV	190.2100, -25.2465, 24.3718
Hunter-Lab	72.0311, 0.6668, 24.2775

Details

The YIQ color **190.2100, 34.1590, -7.8330** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **166.7900, -34.1590, 7.8330**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **240.3010, 23.4770, -12.4830**, and **136.5410, 31.7290, -7.8470** is the 20% darker color. If you saturate the color by 10%, you get **182.4190, 43.6960, -9.9680**, and if you desaturate by 10%, it is **198.0010, 24.6220, -5.6980**.

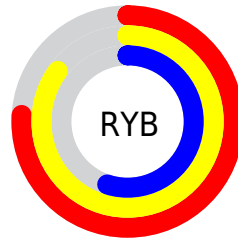
Distribution



Red (85%)

Green (73%)

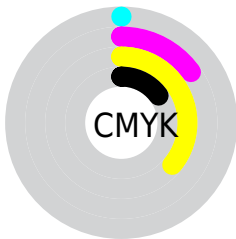
Blue (55%)



Red (76%)

Yellow (85%)

Blue (55%)

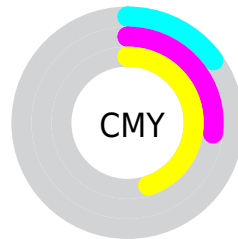


Cyan (0%)

Magenta (15%)

Yellow (36%)

Black (15%)



Cyan (15%)


Magenta (27%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 190.2100, 34.1590, -7.8330 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 190.2100, 34.1590, -7.8330 by changing the saturation by 10% instead.


 190.2100, 34.1590,
-7.8330


 190.2100, 34.1590,
-7.8330


255.0000, -0.0000,
-0.0000


 163.0250, 33.2420,
-7.7340


 240.3010, 23.4770,
-12.4830


 136.5410, 31.7290,
-7.8470


 251.1240, 10.9140,
-10.5740

 111.1710, 29.8950,
-7.6490

 254.4300, 1.6050,
-1.5550

 86.3880, 27.7860,
-7.9740

 62.9040, 26.2730,
-8.0870

 40.5340, 24.4390,
-7.8890

 21.3190, 15.0390,

-2.7290

■ 0.0000, 0.0000,
0.0000

■ 190.2100, 34.1590,
-7.8330

■ 190.2100, 34.1590,
-7.8330

■ 182.4190, 43.6960,
-9.9680

■ 198.0010, 24.6220,
-5.6980

■ 174.6280, 53.2330,
-12.1030

■ 205.7920, 15.0850,
-3.5630

■ 166.9510, 62.4490,
-13.9270

■ 213.4690, 5.8690,
-1.7390

■ 159.7470, 71.7110,
-16.5850

■ 220.6730, -3.3930,
0.9190

■ 151.9560, 81.2480,
-18.7200

■ 228.4640,
-12.9300, 3.0540

■ 144.1650, 90.7850,
-20.8550

■ 234.5450,
-17.6520, 0.5240

■ 141.4920, 94.1780,
-21.7740

■ 239.8280,
-20.1270, -4.1830

■ 243.9370,
-22.0520, -7.8440

Harmonies

Analogous

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



191.9760, 44.1060, 4.6340



190.2100, 34.1590, -7.8330



187.6480, 14.9500, -17.6420

Triad

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



190.2100, 34.1590, -7.8330



177.8340, -55.7950, -18.5710



194.7200, 7.5610, 22.6730

Complementary

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



190.2100, 34.1590, -7.8330



166.7900, -34.1590, 7.8330

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.



191.8460, -19.3970, 15.6350



190.2100, 34.1590, -7.8330



179.7770, -59.6480, -9.3120

Square

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



190.2100, 34.1590, -7.8330



180.4370, -35.8040, -22.9400



186.2940, -44.5660, 3.7060



195.0400, 30.0270, 23.0110

Rectangle

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



190.2100, 34.1590, -7.8330



185.0420, -0.9590, -21.1750



186.2940, -44.5660, 3.7060



194.1750, -1.1500, 20.8500

Sweetspot

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



190.2100, 34.1590, -7.8330



245.3510, 12.0130, -2.9550



166.3830, 36.4910, 27.0110



121.9530, 7.3820, -1.6260



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.



190.2100, 34.1590, -7.8330



216.6320, 47.4100, -11.1980



206.9010, 21.1870, -26.0530



105.8110, 4.9060, -0.8060



112.1880, 74.7830, -17.1930



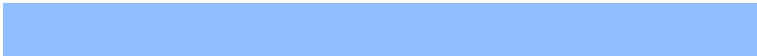
29.6030, 19.9910, -4.3690

Inverse Universe

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



166.7900, -34.1590, 7.8330



183.9550, -47.6850, 10.6750



150.0990, -21.1870, 26.0530



102.6020, -4.6310, 1.3290



60.8120, -74.7830, 17.1930



16.3970, -19.9910, 4.3690

Previews

White Background



This preview shows how the YIQ color 190.2100, 34.1590, -7.8330 looks on a white background.

Color Contrast Check

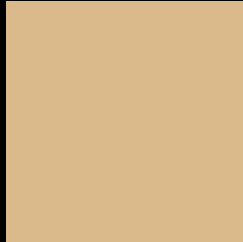
Large Text (above 18pt) WCAG AA × Fail

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 190.2100, 34.1590, -7.8330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

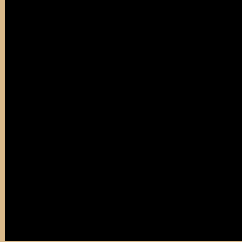
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 190.2100, 34.1590, -7.8330

Background



This preview shows how black text looks on a background with the YIQ color 190.2100, 34.1590, -7.8330.



This preview shows how white text looks on a background with the YIQ color 190.2100, 34.1590,

-7.8330.

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

190.2100, 34.1590, -7.8330

Protanopia

189.4860, 24.3940, -12.5820

Deuteranopia

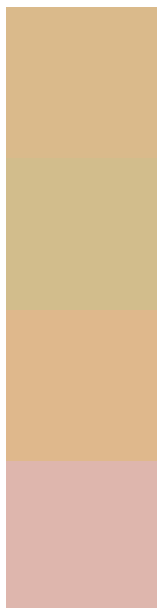
190.9550, 39.4310, -4.2570



Tritanopia

194.0510, 22.3260, 13.8940

Trichromacy



Original Color

190.2100, 34.1590, -7.8330

Protanomaly

189.6930, 28.2450, -10.7870

Deuteranomaly

190.6450, 37.3680, -5.4160

Tritanomaly

192.9340, 26.7290, 5.6810

Monochromacy



Original Color

190.2100, 34.1590, -7.8330

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

190.2370, 12.3340, -3.2660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.2100, 34.1590, -7.8330 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(218, 186, 139)` looks like.

```
.text, #text, p{  
    color:rgb(218, 186, 139)  
}
```

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(218, 186, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 186, 139) }
```

Border

The CSS property to change the border of an element to YIQ 190.2100, 34.1590, -7.8330 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(218, 186, 139) }
```


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

```
.border{ border-color:rgb(218, 186, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 186, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 186, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 186, 139);  
box-shadow:4px 4px 4px 4px rgb(218, 186,  
139) }
```

Background

The CSS property to change the background color of an element to YIQ 190.2100, 34.1590, -7.8330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 186, 139) }
```

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

```
.background{ background-color: rgb(218,  
186, 139) }
```

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