

Converting Colors

YIQ(187.2700, 33.9300, -9.1900)

Have a look what the booklet for
YIQ(187.2700, 33.9300, -9.1900)
contains.

| | |
|--|----|
| YIQ(187.2700, 33.9300, -9.1900) | 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(187.2700, 33.9300,
-9.1900)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D6B886 |
| RGB | 214, 184, 134 |
| RGB Percent | 84%, 72%, 53% |
| CMY | 0.1607, 0.2785, 0.4743 |
| CMYK | 0.00, 0.14, 0.37, 0.16 |
| HSL | 37°, 49%, 68% |
| HSV | 37°, 37%, 84% |
| XYZ | 49.1786, 50.2958, 29.6865 |
| YIQ | 187.2700, 33.9300, -9.1900 |

Conversions

Conversions Part 2

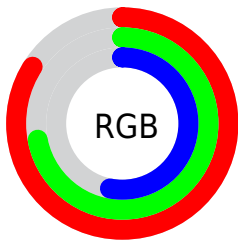
| Format | Color |
|-------------------------------------|--|
| RYB | 182, 214, 134 |
| Decimal | 14071942 |
| CIELab | 76.25, 3.77, 29.37 |
| CIELCh | 76, 29.607, 82.678 |
| Yxy | 50.2958, 0.3808, 0.3894 |
| Android (android.graphics.Color) | 4292262022 (0xFFD6B886) |
| YUV | 187.2700, -26.2621, 23.4422 |
| Hunter-Lab | 70.9196, -0.3299, 24.8252 |

Details

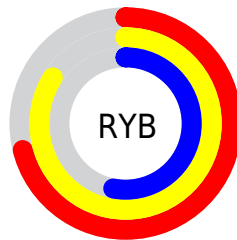
The YIQ color **187.2700, 33.9300, -9.1900** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **160.7300, -33.9300, 9.1900**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.5570, 25.6320, -12.9920**, and **133.7150, 31.1790, -8.8930** is the 20% darker color. If you saturate the color by 10%, you get **180.1800, 42.8710, -11.5370**, and if you desaturate by 10%, it is **194.3600, 24.9890, -6.8430**.

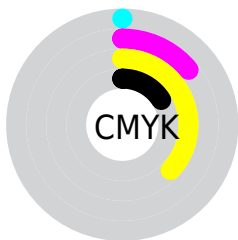
Distribution



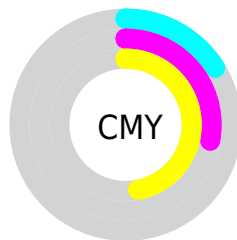
- Red (84%)
- Green (72%)
- Blue (53%)



- Red (71%)
- Yellow (84%)
- Blue (53%)



- Cyan (0%)
- Magenta (14%)
- Yellow (37%)
- Black (16%)



- Cyan (16%)
- Magenta (28%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.2700, 33.9300, -9.1900 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 187.2700, 33.9300, -9.1900 by changing the saturation by 10% instead.

■ 187.2700, 33.9300,
-9.1900

■ 187.2700, 33.9300,
-9.1900

255.0000, -0.0000,
-0.0000

■ 160.0850, 33.0130,
-9.0910

■ 238.5570, 25.6320,
-12.9920

■ 133.7150, 31.1790,
-8.8930

■ 250.5540, 12.5190,
-12.1290

■ 108.2310, 29.6660,
-9.0060

■ 253.7460, 3.5310,
-3.4210

■ 83.7470, 28.1530,
-9.1190

■ 59.9640, 26.0440,
-9.4440

■ 38.1640, 22.6050,
-7.6910

■ 19.2480, 13.8010,

-2.3190

■ 0.0000, 0.0000,
0.0000

■ 187.2700, 33.9300,
-9.1900

■ 187.2700, 33.9300,
-9.1900

■ 180.1800, 42.8710,
-11.5370

■ 194.3600, 24.9890,
-6.8430

■ 172.9760, 52.1330,
-14.1950

■ 201.5640, 15.7270,
-4.1850

■ 165.8860, 61.0740,
-16.5420

■ 208.6540, 6.7860,
-1.8380

■ 158.6820, 70.3360,
-19.2000

■ 215.8580, -2.4760,
0.8200

■ 151.5920, 79.2770,
-21.5470

■ 222.9480,
-11.4170, 3.1670

■ 144.5020, 88.2180,
-23.8940

■ 229.2400,
-18.1110, 3.3370

■ 142.6440, 90.6940,
-24.7140

■ 233.9360,
-20.3110, -0.8470

■ 238.6320,
-22.5110, -5.0310

■ 242.7410,
-24.4360, -8.6920

Harmonies

Analogous

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



189.3350, 44.4730, 3.4890



187.2700, 33.9300, -9.1900



184.5230, 13.8040, -18.9000

Triad

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



187.2700, 33.9300, -9.1900



174.2680, -60.0130, -19.2210



192.3290, 10.2200, 24.0440

Complementary

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



187.2700, 33.9300, -9.1900



160.7300, -33.9300, 9.1900

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.



189.2700, -17.6550, 17.1050



187.2700, 33.9300, -9.1900



177.2220, -62.3990, -9.0150

Square

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



187.2700, 33.9300, -9.1900



177.0560, -39.1050, -23.6890



183.9350, -44.9330, 4.8510



192.7090, 32.4570, 23.0250

Rectangle

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



187.2700, 33.9300, -9.1900



182.3190, -3.2970, -22.8570



183.9350, -44.9330, 4.8510



191.7840, 1.5090, 22.2210

Sweetspot

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



187.2700, 33.9300, -9.1900



245.3510, 12.0130, -2.9550



161.4540, 37.7290, 26.6010



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.



187.2700, 33.9300, -9.1900



216.6490, 48.7400, -13.2760



202.1890, 20.3160, -26.7880



103.3980, 4.6310, -1.3290



113.9380, 72.4910, -19.7090



28.7060, 18.2030, -5.0050

Inverse Universe

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



160.7300, -33.9300, 9.1900



178.3510, -48.7400, 13.2760



145.8110, -20.3160, 26.7880



99.6020, -4.6310, 1.3290



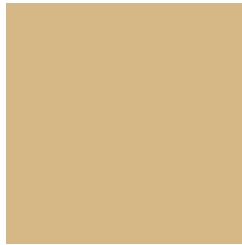
57.0620, -72.4910, 19.7090



14.2940, -18.2030, 5.0050

Previews

White Background



This preview shows how the YIQ color 187.2700, 33.9300, -9.1900 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 187.2700, 33.9300, -9.1900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

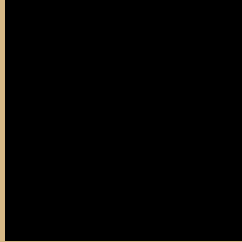
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.2700, 33.9300, -9.1900

Background



This preview shows how black text looks on a background with the YIQ color 187.2700, 33.9300, -9.1900.



This preview shows how white text looks on a background with the YIQ color 187.2700, 33.9300,

-9.1900.

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

187.2700, 33.9300, -9.1900

Protanopia

186.2580, 25.0360, -13.2040

Deuteranopia

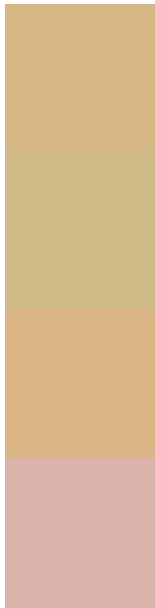
187.7270, 40.0730, -4.8790



Tritanopia

191.3390, 21.4550, 13.1590

Trichromacy



Original Color

187.2700, 33.9300, -9.1900

Protanomaly

186.7530, 28.0160, -12.1440

Deuteranomaly

187.4170, 38.0100, -6.0380

Tritanomaly

190.2220, 25.8580, 4.9460

Monochromacy



Original Color

187.2700, 33.9300, -9.1900

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

187.2370, 12.3340, -3.2660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.2700, 33.9300, -9.1900 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(214, 184, 134)` looks like.

```
.text, #text, p{  
    color:rgb(214, 184, 134)  
}
```

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(214, 184, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 184, 134) }
```

Border

The CSS property to change the border of an element to YIQ 187.2700, 33.9300, -9.1900 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(214, 184, 134) }
```


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

```
.border{ border-color:rgb(214, 184, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 184, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 184, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 184, 134);  
box-shadow:4px 4px 4px 4px rgb(214, 184,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 187.2700, 33.9300, -9.1900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 184, 134) }
```

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

```
.background{ background-color: rgb(214,  
184, 134) }
```

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