

Converting Colors

YIQ(186.1670, 35.7180, -8.5540)

Have a look what the booklet for
YIQ(186.1670, 35.7180, -8.5540)
contains.

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Color

**YIQ(186.1670, 35.7180,
-8.5540)**

Conversions

Conversions Part 1

Format	Color
Hex	D7B684
RGB	215, 182, 132
RGB Percent	84%, 71%, 52%
CMY	0.1568, 0.2863, 0.4822
CMYK	0.00, 0.15, 0.39, 0.16
HSL	36°, 51%, 68%
HSV	36°, 39%, 84%
XYZ	48.9210, 49.5663, 28.8351
YIQ	186.1670, 35.7180, -8.5540

Conversions

Conversions Part 2

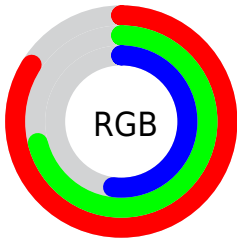
Format	Color
RYB	187, 215, 132
Decimal	14136964
CIELab	75.80, 5.00, 29.84
CIELCh	76, 30.261, 80.483
Yxy	49.5663, 0.3842, 0.3893
Android (android.graphics.Color)	4292327044 (0xFFD7B684)
YUV	186.1670, -26.7043, 25.2865
Hunter-Lab	70.4033, 0.8280, 24.9989

Details

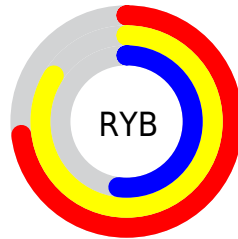
The YIQ color **186.1670, 35.7180, -8.5540** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **160.8330, -35.7180, 8.5540**, and the grayscale version is **186.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **237.0410, 27.1450, -12.8790**, and **132.6120, 32.9670, -8.2570** is the 20% darker color. If you saturate the color by 10%, you get **178.4900, 44.9340, -10.3780**, and if you desaturate by 10%, it is **193.9580, 26.1810, -6.4190**.

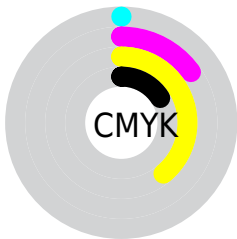
Distribution



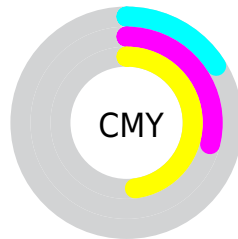
- Red (84%)
- Green (71%)
- Blue (52%)



- Red (73%)
- Yellow (84%)
- Blue (52%)



- Cyan (0%)
- Magenta (15%)
- Yellow (39%)
- Black (16%)



- Cyan (16%)
- Magenta (29%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 186.1670, 35.7180, -8.5540 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 186.1670, 35.7180, -8.5540 by changing the saturation by 10% instead.

■ 186.1670, 35.7180,
-8.5540

■ 186.1670, 35.7180,
-8.5540

255.0000, -0.0000,
-0.0000

■ 159.0960, 34.4800,
-8.1440

■ 237.1550, 26.8240,
-12.5680

■ 132.6120, 32.9670,
-8.2570

■ 250.2120, 13.4820,
-13.0620

■ 107.1280, 31.4540,
-8.3700

■ 253.5180, 4.1730,
-4.0430

■ 82.3450, 29.3450,
-8.6950

■ 58.8610, 27.8320,
-8.8080

■ 37.8760, 23.4760,
-6.9560

■ 18.0740, 14.3510,

-1.2730

■ 0.0000, 0.0000,
0.0000

■ 186.1670, 35.7180,
-8.5540

■ 186.1670, 35.7180,
-8.5540

■ 178.4900, 44.9340,
-10.3780

■ 193.9580, 26.1810,
-6.4190

■ 171.2860, 54.1960,
-13.0360

■ 201.0480, 17.2400,
-4.0720

■ 163.6090, 63.4120,
-14.8600

■ 208.8390, 7.7030,
-1.9370

■ 156.4050, 72.6740,
-17.5180

■ 215.9290, -1.2380,
0.4100

■ 148.7280, 81.8900,
-19.3420

■ 223.7200,
-10.7750, 2.5450

■ 141.5240, 91.1520,
-22.0000

■ 230.1260,
-17.7900, 3.0260

■ 140.0080, 92.6650,
-21.8870

■ 235.4090,
-20.2650, -1.6810

■ 240.1050,
-22.4650, -5.8650

■ 243.0400,
-23.8400, -8.4800

Harmonies

Analogous

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



188.3460, 45.9400, 4.4360



186.1670, 35.7180, -8.5540



183.3060, 15.9130, -18.5750

Triad

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



186.1670, 35.7180, -8.5540



172.4420, -60.5630, -20.2670



190.9590, 8.3860, 24.2420

Complementary

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



186.1670, 35.7180, -8.5540



160.8330, -35.7180, 8.5540

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.



188.1880, -20.3600, 16.5680



186.1670, 35.7180, -8.5540



174.9120, -64.4620, -10.1740

Square

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



186.1670, 35.7180, -8.5540



175.8280, -38.4630, -24.3110



181.4400, -47.9130, 3.7910



191.0510, 31.4940, 23.9580

Rectangle

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



186.1670, 35.7180, -8.5540



181.1020, -1.1880, -22.5320



181.4400, -47.9130, 3.7910



190.1150, -0.9210, 22.2070

Sweetspot

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



186.1670, 35.7180, -8.5540



244.4220, 13.2510, -3.3650



160.5790, 38.8750, 27.8590



121.2520, 7.9780, -1.4140



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.



186.1670, 35.7180, -8.5540



214.0730, 50.4820, -11.8060



203.1460, 21.8750, -27.5090



103.3980, 4.6310, -1.3290



111.5900, 73.5910, -17.6170



28.1190, 18.4780, -4.4820

Inverse Universe

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



160.8330, -35.7180, 8.5540



178.3400, -50.2070, 12.3290



143.8540, -21.8750, 27.5090



100.1890, -4.9060, 0.8060



59.4100, -73.5910, 17.6170



14.8810, -18.4780, 4.4820

Previews

White Background



This preview shows how the YIQ color 186.1670, 35.7180, -8.5540 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 186.1670, 35.7180, -8.5540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

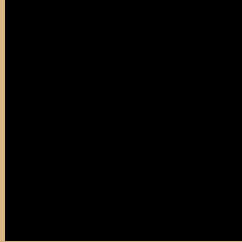
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 186.1670, 35.7180, -8.5540

Background



This preview shows how black text looks on a background with the YIQ color 186.1670, 35.7180, -8.5540.



This preview shows how white text looks on a background with the YIQ color 186.1670, 35.7180, -8.5540.

-8.5540.

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

186.1670, 35.7180, -8.5540

Protanopia

185.1440, 25.3570, -13.5150

Deuteranopia

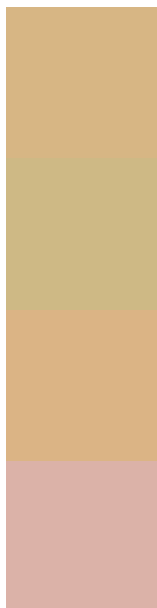
186.6130, 40.3940, -5.1900



Tritanopia

190.2360, 23.2430, 13.7950

Trichromacy



Original Color

186.1670, 35.7180, -8.5540

Protanomaly

185.3510, 29.2080, -11.7200

Deuteranomaly

186.3030, 38.3310, -6.3490

Tritanomaly

189.1190, 27.6460, 5.5820

Monochromacy



Original Color

186.1670, 35.7180, -8.5540

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

186.4220, 13.2510, -3.3650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.1670, 35.7180, -8.5540 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(215, 182, 132)` looks like.

```
.text, #text, p{  
    color:rgb(215, 182, 132)  
}
```

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(215, 182, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 182, 132) }
```

Border

The CSS property to change the border of an element to YIQ 186.1670, 35.7180, -8.5540 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(215, 182, 132) }
```


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

```
.border{ border-color:rgb(215, 182, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 182, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 182, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 182, 132);  
box-shadow:4px 4px 4px 4px rgb(215, 182,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 186.1670, 35.7180, -8.5540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 182, 132) }
```

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

```
.background{ background-color: rgb(215,  
182, 132) }
```

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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