

Converting Colors

YIQ(193.1670, 35.7180, -8.5540)

Have a look what the booklet for
YIQ(193.1670, 35.7180, -8.5540)
contains.

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Color

**YIQ(193.1670, 35.7180,
-8.5540)**

Conversions

Conversions Part 1

Format	Color
Hex	DEBD8B
RGB	222, 189, 139
RGB Percent	87%, 74%, 55%
CMY	0.1294, 0.2589, 0.4547
CMYK	0.00, 0.15, 0.37, 0.13
HSL	36°, 56%, 71%
HSV	36°, 37%, 87%
XYZ	52.9861, 53.7861, 32.0328
YIQ	193.1670, 35.7180, -8.5540

Conversions

Conversions Part 2

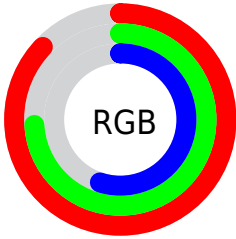
Format	Color
RYB	194, 222, 139
Decimal	14597515
CIELab	78.34, 4.88, 29.63
CIELCh	78, 30.032, 80.642
Yxy	53.7861, 0.3817, 0.3875
Android (android.graphics.Color)	4292787595 (0xFFDEBD8B)
YUV	193.1670, -26.7043, 25.2865
Hunter-Lab	73.3390, 0.6196, 25.4408

Details

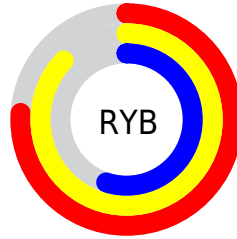
The YIQ color **193.1670, 35.7180, -8.5540** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **167.8330, -35.7180, 8.5540**, and the grayscale version is **193.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **242.0620, 22.6520, -14.0520**, and **139.1990, 32.6920, -8.7800** is the 20% darker color. If you saturate the color by 10%, you get **185.3760, 45.2550, -10.6890**, and if you desaturate by 10%, it is **200.9580, 26.1810, -6.4190**.

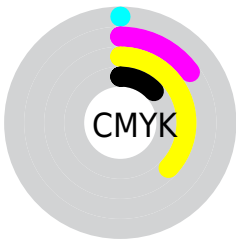
Distribution



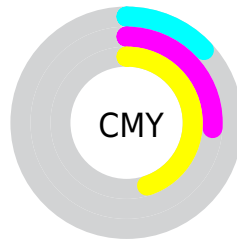
- Red (87%)
- Green (74%)
- Blue (55%)



- Red (76%)
- Yellow (87%)
- Blue (55%)



- Cyan (0%)
- Magenta (15%)
- Yellow (37%)
- Black (13%)



- Cyan (13%)
- Magenta (26%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.1670, 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 193.1670, 35.7180, -8.5540 by changing the saturation by 10% instead.

193.1670, 35.7180,
-8.5540

193.1670, 35.7180,
-8.5540

255.0000, -0.0000,
-0.0000

165.6830, 34.2050,
-8.6670

242.0620, 22.6520,
-14.0520

139.1990, 32.6920,
-8.7800

251.1240, 10.9140,
-10.5740

113.7150, 31.1790,
-8.8930

254.4300, 1.6050,
-1.5550

88.6440, 29.9410,
-8.4830

64.8610, 27.8320,
-8.8080

42.6050, 25.6770,
-8.2990

23.3900, 16.2770,

-3.1390

■ 0.0000, 0.0000,
0.0000

■ 193.1670, 35.7180,
-8.5540

■ 193.1670, 35.7180,
-8.5540

■ 185.3760, 45.2550,
-10.6890

■ 200.9580, 26.1810,
-6.4190

■ 177.5850, 54.7920,
-12.8240

■ 208.7490, 16.6440,
-4.2840

■ 169.6800, 64.6500,
-15.2700

■ 216.6540, 6.7860,
-1.8380

■ 162.4760, 73.9120,
-17.9280

■ 223.8580, -2.4760,
0.8200

■ 154.6850, 83.4490,
-20.0630

■ 231.6490,
-12.0130, 2.9550

■ 146.8940, 92.9860,
-22.1980

■ 237.5020,
-16.0930, -0.1970

■ 145.0360, 95.4620,
-23.0180

■ 242.7850,
-18.5680, -4.9040

■ 245.1330,
-19.6680, -6.9960

Harmonies

Analogous

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



195.3460, 45.9400, 4.4360



193.1670, 35.7180, -8.5540



190.3060, 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.



193.1670, 35.7180, -8.5540



179.7410, -59.9670, -20.0550



197.8450, 8.7070, 23.9310

Complementary

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



193.1670, 35.7180, -8.5540



167.8330, -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.



195.1880, -20.3600, 16.5680



193.1670, 35.7180, -8.5540



182.2110, -63.8660, -9.9620

Square

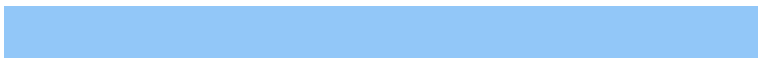
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



193.1670, 35.7180, -8.5540



182.8280, -38.4630, -24.3110



188.7390, -47.3170, 4.0030



198.0510, 31.4940, 23.9580

Rectangle

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



193.1670, 35.7180, -8.5540



188.1020, -1.1880, -22.5320



188.7390, -47.3170, 4.0030



197.1150, -0.9210, 22.2070

Sweetspot

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



193.1670, 35.7180, -8.5540



245.3510, 12.0130, -2.9550



167.5790, 38.8750, 27.8590



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.



193.1670, 35.7180, -8.5540



214.8880, 49.5650, -11.7070



210.1460, 21.8750, -27.5090



108.3980, 4.6310, -1.3290



114.8460, 75.7460, -18.1260



31.3750, 20.6330, -4.9910

Inverse Universe

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



167.8330, -35.7180, 8.5540



180.1120, -49.5650, 11.7070



150.8540, -21.8750, 27.5090



104.6020, -4.6310, 1.3290



61.1540, -75.7460, 18.1260



16.6250, -20.6330, 4.9910

Previews

White Background



This preview shows how the YIQ color 193.1670, 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 193.1670, 35.7180, -8.5540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

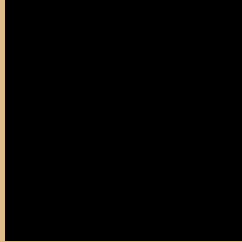
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 193.1670, 35.7180, -8.5540

Background



This preview shows how black text looks on a background with the YIQ color 193.1670, 35.7180, -8.5540.



This preview shows how white text looks on a background with the YIQ color 193.1670, 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

193.1670, 35.7180, -8.5540

Protanopia

192.1440, 25.3570, -13.5150

Deuteranopia

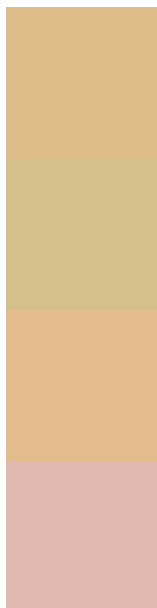
193.9120, 40.9900, -4.9780



Tritanopia

197.3500, 22.9220, 14.1060

Trichromacy



Original Color

193.1670, 35.7180, -8.5540

Protanomaly

192.3510, 29.2080, -11.7200

Deuteranomaly

193.6020, 38.9270, -6.1370

Tritanomaly

196.1190, 27.6460, 5.5820

Monochromacy



Original Color

193.1670, 35.7180, -8.5540

Achromatopsia

193.0000, -0.0000, -0.0000

Achromatomaly

193.4220, 13.2510, -3.3650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.1670, 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(222, 189, 139)` looks like.

```
.text, #text, p{  
    color:rgb(222, 189, 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(222, 189, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 189, 139) }
```

Border

The CSS property to change the border of an element to YIQ 193.1670, 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(222, 189, 139) }
```


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

```
.border{ border-color:rgb(222, 189, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 189, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 189, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 189, 139);  
box-shadow:4px 4px 4px 4px rgb(222, 189,  
139) }
```

Background

The CSS property to change the background color of an element to YIQ 193.1670, 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(222, 189, 139) }
```

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

```
.background{ background-color: rgb(222,  
189, 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](#).

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