

Converting Colors

YIQ(181.3740, 39.5690, -6.7590)

Have a look what the booklet for
YIQ(181.3740, 39.5690, -6.7590)
contains.

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Color

**YIQ(181.3740, 39.5690,
-6.7590)**

Conversions

Conversions Part 1

Format	Color
Hex	D7AF7E
RGB	215, 175, 126
RGB Percent	84%, 69%, 49%
CMY	0.1568, 0.3138, 0.5057
CMYK	0.00, 0.19, 0.41, 0.16
HSL	33°, 53%, 67%
HSV	33°, 41%, 84%
XYZ	47.1250, 46.6106, 26.2685
YIQ	181.3740, 39.5690, -6.7590

Conversions

Conversions Part 2

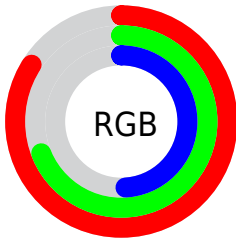
Format	Color
RYB	199, 215, 126
Decimal	14135166
CIELab	73.94, 8.07, 30.56
CIELCh	74, 31.610, 75.217
Yxy	46.6106, 0.3927, 0.3884
Android (android.graphics.Color)	4292325246 (0xFFD7AF7E)
YUV	181.3740, -27.2994, 29.4900
Hunter-Lab	68.2719, 3.7344, 24.9778

Details

The YIQ color **181.3740, 39.5690, -6.7590** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **159.6260, -39.5690, 6.7590**, and the grayscale version is **182.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.6610, 31.2710, -10.5610**, and **128.1070, 35.9470, -7.1970** is the 20% darker color. If you saturate the color by 10%, you get **173.1100, 49.0600, -8.0600**, and if you desaturate by 10%, it is **189.7520, 29.7570, -5.1470**.

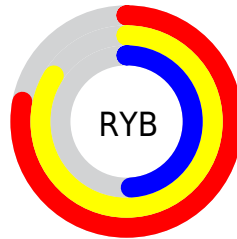
Distribution



Red (84%)

Green (69%)

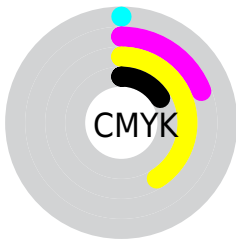
Blue (49%)



Red (78%)

Yellow (84%)

Blue (49%)

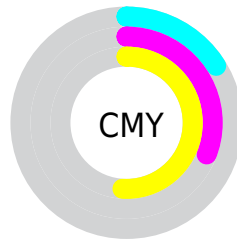


Cyan (0%)

Magenta (19%)

Yellow (41%)

Black (16%)



Cyan (16%)

Magenta (31%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 181.3740, 39.5690, -6.7590 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 181.3740, 39.5690, -6.7590 by changing the saturation by 10% instead.


 181.3740, 39.5690,
-6.7590

 181.3740, 39.5690,
-6.7590


255.0000, -0.0000,
-0.0000


 154.0040, 37.7350,
-6.5610


 231.6610, 31.2710,
-10.5610


 128.4060, 36.5430,
-6.9850


 249.5280, 15.4080,
-14.9280

 102.7370, 34.1130,
-6.9990

 252.7200, 6.4200,
-6.2200

 78.2530, 32.6000,
-7.1120

 54.9430, 30.5370,
-8.2710

 33.7560, 23.9340,
-4.2420

 13.0790, 15.9550,

2.6990

■ 0.0000, 0.0000,
0.0000

■ 181.3740, 39.5690,
-6.7590

■ 181.3740, 39.5690,
-6.7590

■ 173.1100, 49.0600,
-8.0600

■ 189.7520, 29.7570,
-5.1470

■ 165.3190, 58.5970,
-10.1950

■ 197.4290, 20.5410,
-3.3230

■ 157.0550, 68.0880,
-11.4960

■ 205.8070, 10.7290,
-1.7110

■ 148.6770, 77.9000,
-13.1080

■ 214.0710, 1.2380,
-0.4100

■ 141.0000, 87.1160,
-14.9320

■ 221.8620, -8.2990,
1.7250

■ 133.5510, 95.6900,
-16.1340

■ 230.1260,
-17.7900, 3.0260

■ 235.9960,
-20.5400, -2.2040

■ 241.2790,
-23.0150, -6.9110

■ 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.



183.5960, 48.2320, 6.9520



181.3740, 39.5690, -6.7590



178.7580, 20.4520, -18.2360

Triad

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



181.3740, 39.5690, -6.7590



166.3770, -61.9380, -22.8820



185.6210, 3.5260, 24.2140

Complementary

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



181.3740, 39.5690, -6.7590



159.6260, -39.5690, 6.7590

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.



181.7250, -26.3660, 15.2820



181.3740, 39.5690, -6.7590



167.2810, -70.0550, -13.4390

Square

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



181.3740, 39.5690, -6.7590



170.7420, -35.3450, -25.7530



174.7380, -54.7440, 0.9360



186.3220, 29.2930, 25.3010

Rectangle

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



181.3740, 39.5690, -6.7590



176.4400, 3.6720, -22.5040



174.7380, -54.7440, 0.9360



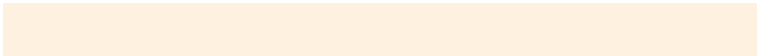
184.4780, -6.3770, 21.9670

Sweetspot

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



181.3740, 39.5690, -6.7590



243.2480, 13.8010, -2.3190



157.1710, 40.2040, 31.3080



120.6650, 8.2530, -0.8910



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.



181.3740, 39.5690, -6.7590



207.0630, 56.4420, -9.6860



203.6580, 26.1850, -28.5270



102.8110, 4.9060, -0.8060



106.3070, 76.0660, -12.9100



26.9450, 19.0280, -3.4360

Inverse Universe

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



159.6260, -39.5690, 6.7590



175.9370, -56.4420, 9.6860



137.3420, -26.1850, 28.5270



100.1890, -4.9060, 0.8060



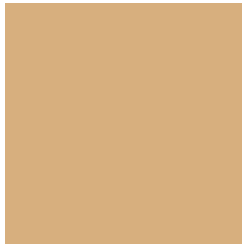
64.6930, -76.0660, 12.9100



16.6420, -19.3030, 2.9130

Previews

White Background



This preview shows how the YIQ color 181.3740, 39.5690, -6.7590 looks on a white background.

Color Contrast Check

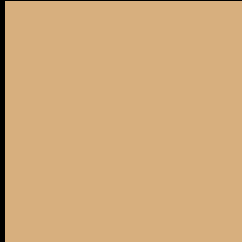
Large Text (above 18pt) WCAG AA × Fail

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 181.3740, 39.5690, -6.7590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

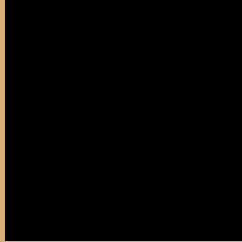
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 181.3740, 39.5690, -6.7590

Background



This preview shows how black text looks on a background with the YIQ color 181.3740, 39.5690, -6.7590.



This preview shows how white text looks on a background with the YIQ color 181.3740, 39.5690, -6.7590.

-6.7590.

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

181.3740, 39.5690, -6.7590

Protanopia

180.1440, 25.3570, -13.5150

Deuteranopia

181.3850, 41.0360, -5.8120



Tritanopia

185.0300, 26.8190, 15.0670

Trichromacy



Original Color

181.3740, 39.5690, -6.7590

Protanomaly

180.3620, 30.6750, -10.7730

Deuteranomaly

181.0860, 40.4400, -6.0240

Tritanomaly

183.9130, 31.2220, 6.8540

Monochromacy



Original Color

181.3740, 39.5690, -6.7590

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

181.1340, 14.1220, -2.6300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.3740, 39.5690, -6.7590 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, 175, 126)` looks like.

```
.text, #text, p{  
    color:rgb(215, 175, 126)  
}
```

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, 175, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 175, 126) }
```

Border

The CSS property to change the border of an element to YIQ 181.3740, 39.5690, -6.7590 is called "border". The border property can be set on classes, ids or directly on the HTML element.

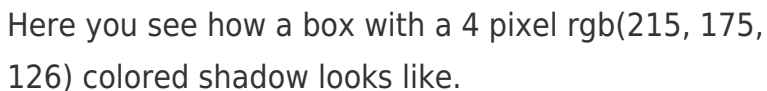
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 175, 126) }
```


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

```
.border{ border-color:rgb(215, 175, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 175, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 175, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 175, 126);  
box-shadow:4px 4px 4px 4px rgb(215, 175,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 181.3740, 39.5690, -6.7590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 175, 126) }
```

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

```
.background{ background-color: rgb(215,  
175, 126) }
```

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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