

Converting Colors

YIQ(180.3940, 36.8170, -0.9350)

Have a look what the booklet for
YIQ(180.3940, 36.8170, -0.9350)
contains.

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Color

**YIQ(180.3940, 36.8170,
-0.9350)**

Conversions

Conversions Part 1

Format	Color
Hex	D7AB8A
RGB	215, 171, 138
RGB Percent	84%, 67%, 54%
CMY	0.1568, 0.3295, 0.4586
CMYK	0.00, 0.20, 0.36, 0.16
HSL	26°, 49%, 69%
HSV	26°, 36%, 84%
XYZ	47.1807, 45.4054, 30.3388
YIQ	180.3940, 36.8170, -0.9350

Conversions

Conversions Part 2

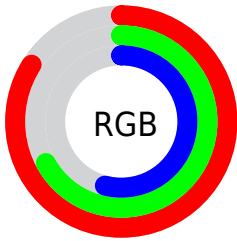
Format	Color
R_{YB}	215, 196, 138
Decimal	14134154
CIE Lab	73.16, 11.59, 23.09
CIE LCh	73, 25.837, 63.343
Yxy	45.4054, 0.3838, 0.3694
Android (android.graphics.Color)	4292324234 (0xFFD7AB8A)
YUV	180.3940, -20.9002, 30.3495
Hunter-Lab	67.3835, 7.0612, 20.4737

Details

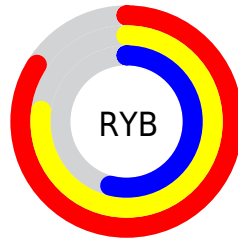
The YIQ color $180.3940, 36.8170, -0.9350$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $172.6060, -36.8170, 0.9350$, and the grayscale version is $181.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $230.7950, 28.1980, -4.4260$, and $127.4260, 33.7910, -1.1610$ is the 20% darker color. If you saturate the color by 10%, you get $170.9560, 46.8580, -1.1900$, and if you desaturate by 10%, it is $189.9460, 26.4550, -0.3690$.

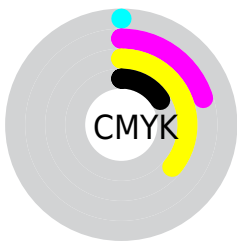
Distribution



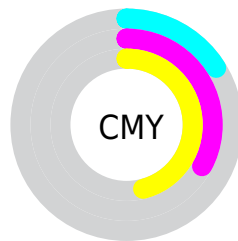
- Red (84%)
- Green (67%)
- Blue (54%)



- Red (84%)
- Yellow (77%)
- Blue (54%)



- Cyan (0%)
- Magenta (20%)
- Yellow (36%)
- Black (16%)



- Cyan (16%)
- Magenta (33%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.3940, 36.8170, -0.9350 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 180.3940, 36.8170, -0.9350 by changing the saturation by 10% instead.

■ 180.3940, 36.8170,
-0.9350

■ 180.3940, 36.8170,
-0.9350

■ 255.0000, -0.0000,
-0.0000

■ 153.2090, 35.9000,
-0.8360

■ 230.7950, 28.1980,
-4.4260

■ 127.4260, 33.7910,
-1.1610

■ 251.0100, 11.2350,
-10.8850

■ 101.9420, 32.2780,
-1.2740

■ 254.2020, 2.2470,
-2.1770

■ 77.2730, 29.8480,
-1.2880

■ 54.4900, 27.7390,
-1.6130

■ 32.5930, 25.9510,
-2.2490

■ 10.7420, 18.5220,

5.7380

■ 0.0000, 0.0000,
0.0000

■ 180.3940, 36.8170,
-0.9350

■ 180.3940, 36.8170,
-0.9350

■ 170.9560, 46.8580,
-1.1900

■ 189.9460, 26.4550,
-0.3690

■ 160.8170, 57.4950,
-1.2330

■ 199.9710, 16.1390,
-0.6370

■ 151.3790, 67.5360,
-1.4880

■ 209.5230, 5.7770,
-0.0710

■ 141.8270, 77.8980,
-2.0540

■ 218.9610, -4.2640,
0.1840

■ 131.8020, 88.2140,
-1.7860

■ 228.5130,
-14.6260, 0.7500

■ 122.2500, 98.5760,
-2.3520

■ 237.1700,
-21.0900, -3.2500

■ 118.2890,
102.8400, -2.5360

■ 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.



182.3980, 40.1620, 10.0340



180.3940, 36.8170, -0.9350



178.1270, 24.0270, -11.4370

Triad

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



180.3940, 36.8170, -0.9350



169.6200, -40.5730, -19.1090



182.4300, -6.4220, 17.2740

Complementary

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



180.3940, 36.8170, -0.9350



172.6060, -36.8170, 0.9350

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.



178.0570, -30.5370, 8.2710



180.3940, 36.8170, -0.9350



168.9640, -53.0450, -13.3410

Square

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



180.3940, 36.8170, -0.9350



172.5870, -18.6110, -20.6510



172.6260, -48.7370, -3.3050



183.7440, 16.1810, 20.6370

Rectangle

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



180.3940, 36.8170, -0.9350



176.7340, 11.8320, -16.2000



172.6260, -48.7370, -3.3050



180.7710, -14.8120, 15.1400

Sweetspot

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



180.3940, 36.8170, -0.9350



242.4160, 13.3880, -0.3400



166.1530, 31.4470, 30.3190



120.1920, 8.2070, -0.0570



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.



180.3940, 36.8170, -0.9350



205.4790, 52.6350, -1.2610



202.7000, 26.3670, -20.8090



102.2240, 5.1810, -0.2830



93.9800, 81.8410, -1.9270



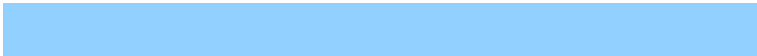
24.0100, 20.4030, -0.8210

Inverse Universe

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



172.6060, -36.8170, 0.9350



194.5210, -52.6350, 1.2610



150.3000, -26.3670, 20.8090



101.3630, -5.4560, -0.2400



77.0200, -81.8410, 1.9270



19.5770, -20.6780, 0.2980

Previews

White Background



This preview shows how the YIQ color 180.3940, 36.8170, -0.9350 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 180.3940, 36.8170, -0.9350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

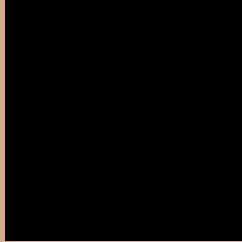
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.3940, 36.8170, -0.9350

Background



This preview shows how black text looks on a background with the YIQ color 180.3940, 36.8170, -0.9350.



This preview shows how white text looks on a background with the YIQ color 180.3940, 36.8170,

-0.9350.

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

180.3940, 36.8170, -0.9350

Protanopia

178.9570, 18.7540, -9.4860

Deuteranopia

180.3720, 33.8830, -2.8290



Tritanopia

182.6280, 28.0110, 15.4910

Trichromacy



Original Color

180.3940, 36.8170, -0.9350

Protanomaly

179.7730, 25.2640, -6.3200

Deuteranomaly

180.0840, 34.7540, -2.0940

Tritanomaly

181.7930, 31.6800, 9.5680

Monochromacy



Original Color

180.3940, 36.8170, -0.9350

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

180.4160, 13.3880, -0.3400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.3940, 36.8170, -0.9350 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, 171, 138)` looks like.

```
.text, #text, p{  
    color:rgb(215, 171, 138)  
}
```

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, 171, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 171, 138) }
```

Border

The CSS property to change the border of an element to YIQ 180.3940, 36.8170, -0.9350 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, 171, 138) }
```


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

```
.border{ border-color:rgb(215, 171, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 171, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 171, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 171, 138);  
box-shadow:4px 4px 4px 4px rgb(215, 171,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 180.3940, 36.8170, -0.9350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 171, 138) }
```

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

```
.background{ background-color: rgb(215,  
171, 138) }
```

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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