

Converting Colors

YIQ(157.3700, 46.5330, 21.2290)

Have a look what the booklet for
YIQ(157.3700, 46.5330, 21.2290)
contains.

YIQ(157.3700, 46.5330, 21.2290)	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(157.3700, 46.5330,
21.2290)**

Conversions

Conversions Part 1

Format	Color
Hex	D7838E
RGB	215, 131, 142
RGB Percent	84%, 51%, 56%
CMY	0.1567, 0.4864, 0.4430
CMYK	0.00, 0.39, 0.34, 0.16
HSL	352°, 51%, 68%
HSV	352°, 39%, 84%
XYZ	41.0372, 32.6325, 29.7447
YIQ	157.3700, 46.5330, 21.2290

Conversions

Conversions Part 2

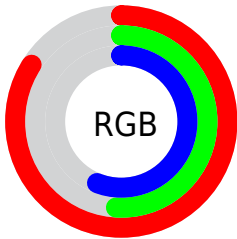
Format	Color
R_{YB}	215, 131, 142
Decimal	14123918
CIE _{Lab}	63.86, 33.67, 7.92
CIE _{LCh}	64, 34.591, 13.239
Yxy	32.6325, 0.3968, 0.3156
Android (android.graphics.Color)	4292313998 (0xFFD7838E)
YUV	157.3700, -7.5774, 50.5415
Hunter-Lab	57.1249, 28.2619, 9.1154

Details

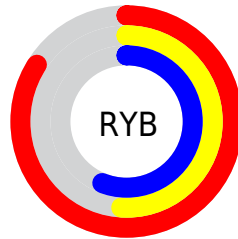
The YIQ color **157.3700, 46.5330, 21.2290** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **188.6300, -46.5330, -21.2290**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **207.1840, 38.1890, 18.2610**, and **104.6900, 42.6360, 20.2680** is the 20% darker color. If you saturate the color by 10%, you get **142.2900, 58.6820, 26.8260**, and if you desaturate by 10%, it is **171.8630, 34.6590, 16.1550**.

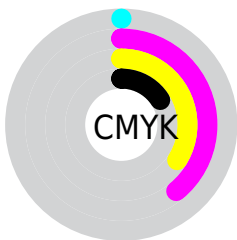
Distribution



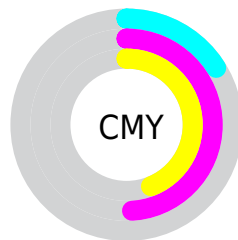
- Red (84%)
- Green (51%)
- Blue (56%)



- Red (84%)
- Yellow (51%)
- Blue (56%)



- Cyan (0%)
- Magenta (39%)
- Yellow (34%)
- Black (16%)



- Cyan (16%)
- Magenta (49%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 157.3700, 46.5330, 21.2290 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 157.3700, 46.5330, 21.2290 by changing the saturation by 10% instead.

157.3700, 46.5330,
21.2290

157.3700, 46.5330,
21.2290

255.0000, -0.0000,
-0.0000

130.5870, 44.4240,
20.9040

207.1840, 38.1890,
18.2610

104.6900, 42.6360,
20.2680

226.8120, 21.5010,
12.3250

79.0210, 40.2060,
20.2540

247.0270, 4.5380,
5.8660

54.2380, 38.0970,
19.9290

27.7480, 36.7210,
22.8410

15.8470, 31.5880,
11.2360

5.0830, 10.1320,

3.6040

■ 0.0000, 0.0000,
0.0000

■ 157.3700, 46.5330,
21.2290

■ 157.3700, 46.5330,
21.2290

■ 142.2900, 58.6820,
26.8260

■ 171.8630, 34.6590,
16.1550

■ 127.9110, 70.2350,
32.2110

■ 186.8290, 22.8310,
10.2470

■ 112.8310, 82.3840,
37.8080

■ 201.3220, 10.9570,
5.1730

■ 98.3380, 94.2580,
42.8820

■ 216.4020, -1.1920,
-0.4240

■ 83.3720, 106.0860,
48.7900

■ 230.7810,
-12.7450, -5.8090

■ 68.8790, 117.9600,
53.8640

■ 242.9260,
-23.5190, -8.7910

■ 67.4770, 119.1520,
54.2880

■ 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.



158.7890, 29.4760, 27.4920



157.3700, 46.5330, 21.2290



155.9060, 50.2950, 8.1110

Triad

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



157.3700, 46.5330, 21.2290



147.2540, -4.6720, -25.4720



143.8830, -65.5180, -2.0460

Complementary

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



157.3700, 46.5330, 21.2290



188.6300, -46.5330, -21.2290

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.



130.5170, -91.5110, -21.0710



157.3700, 46.5330, 21.2290



141.9050, -37.3620, -27.7460

Square

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



157.3700, 46.5330, 21.2290



151.3130, 23.2030, -18.5330



133.2830, -73.5370, -27.4330



153.9740, -31.5010, 14.7310

Rectangle

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



157.3700, 46.5330, 21.2290



154.5430, 46.5830, -1.7130



133.2830, -73.5370, -27.4330



139.2190, -75.5120, -8.1520

Sweetspot

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



157.3700, 46.5330, 21.2290



233.7250, 17.1920, 7.8160



162.4030, 16.5440, 41.6000



115.6100, 10.0860, 4.4380



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.



157.3700, 46.5330, 21.2290



172.7040, 66.3840, 30.4160



174.3130, 41.5390, 1.5950



99.5170, 5.9140, 2.9540



53.7510, 94.5330, 43.4050



13.5410, 23.7020, 10.9820

Inverse Universe

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



157.3700, 46.5330, 21.2290



172.7040, 66.3840, 30.4160



171.6870, -41.5390, -1.5950



99.5170, 5.9140, 2.9540



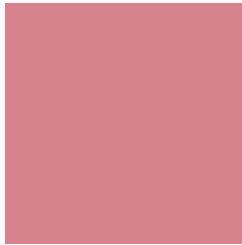
53.7510, 94.5330, 43.4050



13.5410, 23.7020, 10.9820

Previews

White Background



This preview shows how the YIQ color 157.3700, 46.5330, 21.2290 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 157.3700, 46.5330, 21.2290 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 157.3700, 46.5330, 21.2290

Background



This preview shows how black text looks on a background with the YIQ color 157.3700, 46.5330, 21.2290.

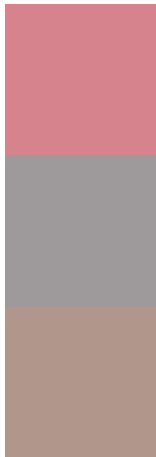


This preview shows how white text looks on a background with the YIQ color 157.3700, 46.5330,

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

157.3700, 46.5330, 21.2290

Protanopia

155.3100, 2.0630, 1.1590

Deuteranopia

156.5200, 19.0270, 2.0910



Tritanopia

157.2560, 46.8540, 20.9180

Trichromacy



Original Color

157.3700, 46.5330, 21.2290

Protanomaly

156.3230, 18.3840, 8.2400

Deuteranomaly

156.7110, 28.9750, 9.0310

Tritanomaly

157.2560, 46.8540, 20.9180

Monochromacy



Original Color

157.3700, 46.5330, 21.2290

Achromatopsia

157.0000, 0.0000, -0.0000

Achromatomaly

157.4260, 16.5960, 7.6040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.3700, 46.5330, 21.2290 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, 131, 142)` looks like.

```
.text, #text, p{  
    color:rgb(215, 131, 142)  
}
```

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, 131, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 131, 142) }
```

Border

The CSS property to change the border of an element to YIQ 157.3700, 46.5330, 21.2290 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, 131, 142) }
```


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

```
.border{ border-color:rgb(215, 131, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 131, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 131, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 131, 142);  
box-shadow:4px 4px 4px 4px rgb(215, 131,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 157.3700, 46.5330, 21.2290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 131, 142) }
```

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

```
.background{ background-color: rgb(215,  
131, 142) }
```

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