

Converting Colors

YIQ(189.3500, 40.1170, 5.3410)

Have a look what the booklet for
YIQ(189.3500, 40.1170, 5.3410)
contains.

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Color

**YIQ(189.3500, 40.1170,
5.3410)**

Conversions

Conversions Part 1

Format	Color
Hex	E7AF9A
RGB	231, 175, 154
RGB Percent	91%, 69%, 60%
CMY	0.0940, 0.3138, 0.3959
CMYK	0.00, 0.24, 0.33, 0.09
HSL	16°, 62%, 76%
HSV	16°, 33%, 91%
XYZ	54.1267, 49.9794, 37.3856
YIQ	189.3500, 40.1170, 5.3410

Conversions

Conversions Part 2

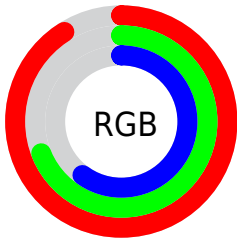
Format	Color
R _Y B	231, 183, 154
Decimal	15183770
CIE Lab	76.06, 17.64, 18.67
CIE LCh	76, 25.688, 46.619
Yxy	49.9794, 0.3825, 0.3532
Android (android.graphics.Color)	4293373850 (0xFFE7AF9A)
YUV	189.3500, -17.4275, 36.5271
Hunter-Lab	70.6961, 12.9460, 18.1335

Details

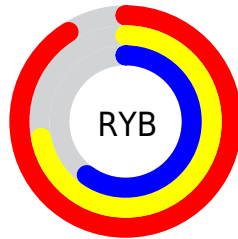
The YIQ color **189.3500, 40.1170, 5.3410** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **195.6500, -40.1170, -5.3410**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **235.5540, 21.6870, -2.0650**, and **135.3820, 37.0910, 5.1150** is the 20% darker color. If you saturate the color by 10%, you get **176.7490, 52.1750, 7.0790**, and if you desaturate by 10%, it is **201.9510, 28.0590, 3.6030**.

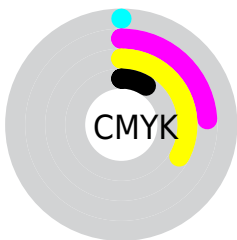
Distribution



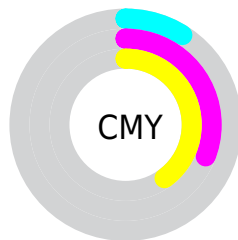
- Red (91%)
- Green (69%)
- Blue (60%)



- Red (91%)
- Yellow (72%)
- Blue (60%)



- Cyan (0%)
- Magenta (24%)
- Yellow (33%)
- Black (9%)





- Cyan (9%)
- Magenta (31%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 189.3500, 40.1170, 5.3410 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 189.3500, 40.1170, 5.3410 by changing the saturation by 10% instead.


 189.3500, 40.1170,
5.3410


 189.3500, 40.1170,
5.3410


255.0000, -0.0000,
-0.0000


 161.8660, 38.6040,
5.2280


 235.5540, 21.6870,
-2.0650


 135.3820, 37.0910,
5.1150

 252.9480, 5.7780,
-5.5980

 109.5990, 34.9820,
4.7900

 84.8160, 32.8730,
4.4650

 61.0330, 30.7640,
4.1400

 38.8370, 28.3800,
3.2920

 17.2650, 24.2990,

5.6670

■ 0.5980, 1.1920,
0.4240

■ 0.0000, 0.0000,
0.0000

■ 189.3500, 40.1170,
5.3410

■ 189.3500, 40.1170,
5.3410

■ 176.7490, 52.1750,
7.0790

■ 201.9510, 28.0590,
3.6030

■ 164.1480, 64.2330,
8.8170

■ 214.5520, 16.0010,
1.8650

■ 152.1340, 76.0160,
10.0320

■ 226.5660, 4.2180,
0.6500

■ 139.5330, 88.0740,
11.7700

■ 239.1670, -7.8400,
-1.0880

■ 126.9320,
100.1320, 13.5080

■ 247.8240,
-14.3040, -5.0880

■ 114.2170,
112.5110, 14.9350

■ 106.0500,
120.3510, 16.0230

Harmonies

Analogous

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



190.8910, 37.4560, 15.0240



189.3500, 40.1170, 5.3410



187.3070, 32.5080, -5.4440

Triad

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



189.3500, 40.1170, 5.3410



179.0250, -28.6520, -20.3960



188.0800, -20.1760, 13.2320

Complementary

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



189.3500, 40.1170, 5.3410



195.6500, -40.1170, -5.3410

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.



183.2080, -41.4480, 2.2640



189.3500, 40.1170, 5.3410



176.9660, -47.3590, -17.2710

Square

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



189.3500, 40.1170, 5.3410



181.6440, -5.5900, -19.8460



177.8980, -52.6790, -8.9590



190.8720, 4.0770, 19.7330

Rectangle

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



189.3500, 40.1170, 5.3410



186.1160, 22.5600, -12.3840



177.8980, -52.6790, -8.9590



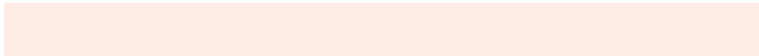
186.6660, -27.8780, 9.6420

Sweetspot

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



189.3500, 40.1170, 5.3410



240.9970, 13.2500, 2.1620



183.5210, 27.5950, 34.0510



119.1320, 8.4360, 1.3000



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.



189.3500, 40.1170, 5.3410



199.9340, 53.0920, 6.9800



211.6560, 29.6670, -14.5330



108.3490, 6.3270, 0.9750



82.2840, 93.2090, 12.3210



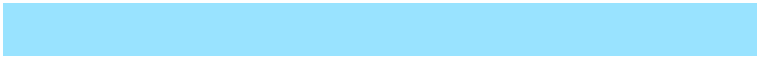
23.4670, 26.5460, 3.4900

Inverse Universe

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



195.6500, -40.1170, -5.3410



208.0660, -53.0920, -6.9800



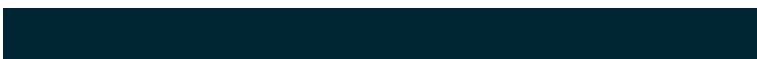
173.3440, -29.6670, 14.5330



109.6510, -6.3270, -0.9750



96.7160, -93.2090, -12.3210



27.5330, -26.5460, -3.4900

Previews

White Background



This preview shows how the YIQ color 189.3500, 40.1170, 5.3410 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 189.3500, 40.1170, 5.3410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

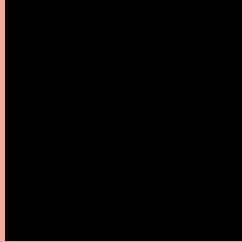
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 189.3500, 40.1170, 5.3410

Background



This preview shows how black text looks on a background with the YIQ color 189.3500, 40.1170, 5.3410.



This preview shows how white text looks on a background with the YIQ color 189.3500, 40.1170,

5.3410.

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

189.3500, 40.1170, 5.3410

Protanopia

187.2110, 15.2230, -6.0650

Deuteranopia

188.2840, 31.3150, -0.3410



Tritanopia

191.3190, 33.3750, 17.3990

Trichromacy



Original Color

189.3500, 40.1170, 5.3410

Protanomaly

188.2230, 24.1170, -2.0510

Deuteranomaly

188.6050, 34.8450, 1.7650

Tritanomaly

190.3530, 36.0350, 13.2430

Monochromacy



Original Color

189.3500, 40.1170, 5.3410

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

189.0680, 14.4880, 1.7520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.3500, 40.1170, 5.3410 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(231, 175, 154)` looks like.

```
.text, #text, p{  
    color:rgb(231, 175, 154)  
}
```

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(231, 175, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 175, 154) }
```

Border

The CSS property to change the border of an element to YIQ 189.3500, 40.1170, 5.3410 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(231, 175, 154) }
```


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

```
.border{ border-color:rgb(231, 175, 154) }
```

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

Here you see how a box with a 4 pixel rgb(231, 175, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 175, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 175, 154);  
box-shadow:4px 4px 4px 4px rgb(231, 175,  
154) }
```

Background

The CSS property to change the background color of an element to YIQ 189.3500, 40.1170, 5.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 175, 154) }
```

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

```
.background{ background-color: rgb(231,  
175, 154) }
```

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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