

Converting Colors

YIQ(145.8790, 11.3670, 19.7750)

Have a look what the booklet for
YIQ(145.8790, 11.3670, 19.7750)
contains.

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Color

**YIQ(145.8790, 11.3670,
19.7750)**

Conversions

Conversions Part 1

Format	Color
Hex	A982A7
RGB	169, 130, 167
RGB Percent	66%, 51%, 65%
CMY	0.3371, 0.4902, 0.3451
CMYK	0.00, 0.23, 0.01, 0.34
HSL	303°, 19%, 59%
HSV	303°, 23%, 66%
XYZ	31.3244, 27.1894, 40.1583
YIQ	145.8790, 11.3670, 19.7750

Conversions

Conversions Part 2

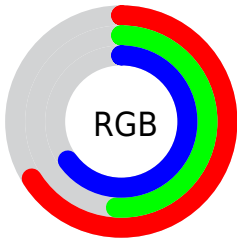
Format	Color
R_{YB}	169, 130, 167
Decimal	11109031
CIE _{Lab}	59.15, 21.45, -13.86
CIE _{LCh}	59, 25.540, 327.131
Yxy	27.1894, 0.3175, 0.2756
Android (android.graphics.Color)	4289299111 (0xFFA982A7)
YUV	145.8790, 10.4127, 20.2771
Hunter-Lab	52.1434, 15.9803, -9.1619

Details

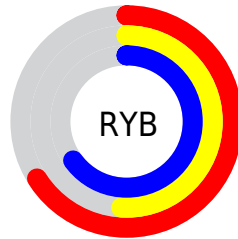
The YIQ color **145.8790, 11.3670, 19.7750** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **153.1210, -11.3670, -19.7750**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **200.0040, 12.5130, 21.0330**, and **94.7540, 10.2210, 18.5170** is the 20% darker color. If you saturate the color by 10%, you get **135.7860, 16.3630, 28.3550**, and if you desaturate by 10%, it is **155.9720, 6.3710, 11.1950**.

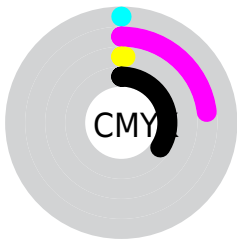
Distribution



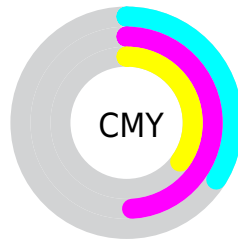
- Red (66%)
- Green (51%)
- Blue (65%)



- Red (66%)
- Yellow (51%)
- Blue (65%)



- Cyan (0%)
- Magenta (23%)
- Yellow (1%)
- Black (34%)



- Cyan (34%)
- Magenta (49%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.8790, 11.3670, 19.7750 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 145.8790, 11.3670, 19.7750 by changing the saturation by 10% instead.

■ 145.8790, 11.3670,
19.7750

■ 145.8790, 11.3670,
19.7750

255.0000, -0.0000,
-0.0000

■ 120.1670, 10.4960,
19.0400

■ 200.0040, 12.5130,
21.0330

■ 94.7540, 10.2210,
18.5170

■ 228.1180, 12.1920,
21.3440

■ 70.9280, 9.6710,
17.4710

■ 245.6080, 4.4000,
8.3680

■ 48.2160, 8.8000,
16.7360

■ 25.9170, 8.2040,
16.5240

■ 10.2110, 7.1960,
12.7640

■ 0.0000, 0.0000,

0.0000

■ 145.8790, 11.3670,
19.7750

■ 145.8790, 11.3670,
19.7750

■ 135.7860, 16.3630,
28.3550

■ 155.9720, 6.3710,
11.1950

■ 125.6930, 21.3590,
36.9350

■ 166.0650, 1.3750,
2.6150

■ 115.6000, 26.3550,
45.5150

■ 176.1580, -3.6210,
-5.9650

■ 105.5070, 31.3510,
54.0950

■ 186.2510, -8.6170,
-14.5450

■ 95.5280, 36.0260,
62.9860

■ 196.2300,
-13.2920, -23.4360

■ 86.0220, 40.7470,
71.0430

■ 205.7360,
-18.0130, -31.4930

75.9290, 45.7430,
79.6230

215.8290,
-23.0090, -40.0730

68.7710, 49.3640,
85.5880

220.0520,
-25.2550, -43.4230

220.1660,
-25.5760, -43.1120

Harmonies

Analogous

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



143.9240, -10.8690, 15.2670



145.8790, 11.3670, 19.7750



145.5080, 28.4690, 18.2050

Triad

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



145.8790, 11.3670, 19.7750



141.1920, 25.4020, -8.8220



130.3940, -51.4400, -14.8960

Complementary

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



145.8790, 11.3670, 19.7750



153.1210, -11.3670, -19.7750

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.



132.5450, -35.9880, -19.6040



145.8790, 11.3670, 19.7750



138.8800, 8.4850, -16.1150

Square

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



145.8790, 11.3670, 19.7750



143.2630, 35.8080, 0.8320



135.7510, -13.2010, -19.5770



133.2620, -50.7080, -6.1320

Rectangle

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



145.8790, 11.3670, 19.7750



144.9940, 35.6680, 14.3880



135.7510, -13.2010, -19.5770



130.7810, -48.2760, -17.1720

Sweetspot

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



145.8790, 11.3670, 19.7750



210.1950, 4.1250, 7.8450



135.0440, -11.3270, 12.5530



104.6030, 2.7960, 4.3960



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



145.8790, 11.3670, 19.7750



182.8510, 17.7380, 30.9700



143.7130, 17.4660, 13.8660



79.3040, 2.2000, 4.1840



60.2120, 43.2680, 74.9160



8.1460, 5.8210, 10.1490

Inverse Universe

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



145.8790, 11.3670, 19.7750



182.8510, 17.7380, 30.9700



155.2870, -17.4660, -13.8660



79.3040, 2.2000, 4.1840



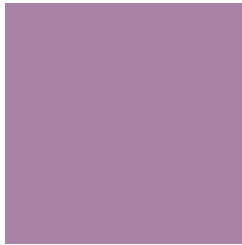
60.2120, 43.2680, 74.9160



8.1460, 5.8210, 10.1490

Previews

White Background



This preview shows how the YIQ color 145.8790, 11.3670, 19.7750 looks on a white background.

Color Contrast Check

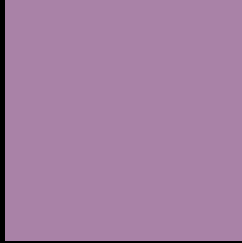
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.8790, 11.3670, 19.7750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

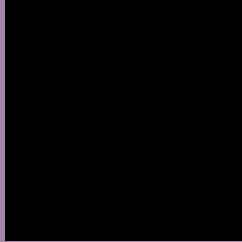
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 145.8790, 11.3670, 19.7750

Background



This preview shows how black text looks on a background with the YIQ color 145.8790, 11.3670, 19.7750.



This preview shows how white text looks on a background with the YIQ color 145.8790, 11.3670,

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

145.8790, 11.3670, 19.7750

Protanopia

143.0820, -14.4900, 9.3020

Deuteranopia

144.0570, -4.1740, 9.5700



Tritanopia

144.7080, 15.8620, 9.8940

Trichromacy



Original Color

145.8790, 11.3670, 19.7750

Protanomaly

143.9800, -5.2750, 13.0050

Deuteranomaly

144.8020, 1.0980, 13.1460

Tritanomaly

145.3320, 14.1650, 13.1170

Monochromacy



Original Color

145.8790, 11.3670, 19.7750

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

145.7820, 3.8500, 7.3220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.8790, 11.3670, 19.7750 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(169, 130, 167)` looks like.

```
.text, #text, p{  
    color:rgb(169, 130, 167)  
}
```

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(169, 130, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 130, 167) }
```

Border

The CSS property to change the border of an element to YIQ 145.8790, 11.3670, 19.7750 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(169, 130, 167) }
```


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

```
.border{ border-color:rgb(169, 130, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 130, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 130, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 130, 167);  
box-shadow:4px 4px 4px 4px rgb(169, 130,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 145.8790, 11.3670, 19.7750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 130, 167) }
```

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

```
.background{ background-color: rgb(169,  
130, 167) }
```

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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