

Converting Colors

YIQ(167.7830, 11.2770, 10.3890)

Have a look what the booklet for
YIQ(167.7830, 11.2770, 10.3890)
contains.

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Color

**YIQ(167.7830, 11.2770,
10.3890)**

Conversions

Conversions Part 1

Format	Color
Hex	B99EAD
RGB	185, 158, 173
RGB Percent	73%, 62%, 68%
CMY	0.2744, 0.3804, 0.3215
CMYK	0.00, 0.15, 0.06, 0.27
HSL	327°, 16%, 67%
HSV	327°, 15%, 73%
XYZ	39.7807, 37.7839, 44.7358
YIQ	167.7830, 11.2770, 10.3890

Conversions

Conversions Part 2

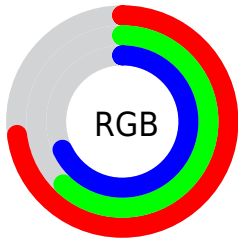
Format	Color
RYB	185, 158, 173
Decimal	12164781
CIELab	67.86, 12.54, -4.10
CIELCh	68, 13.190, 341.912
Yxy	37.7839, 0.3253, 0.3089
Android (android.graphics.Color)	4290354861 (0xFFB99EAD)
YUV	167.7830, 2.5720, 15.0993
Hunter-Lab	61.4686, 7.9498, -0.1222

Details

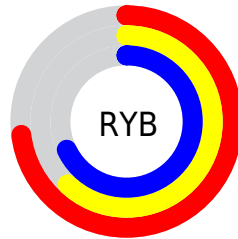
The YIQ color **167.7830, 11.2770, 10.3890** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **175.2170, -11.2770, -10.3890**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.0820, 11.8730, 10.6010**, and **116.0710, 10.4060, 9.6540** is the 20% darker color. If you saturate the color by 10%, you get **155.7180, 19.0700, 17.8380**, and if you desaturate by 10%, it is **179.2610, 3.7590, 3.4630**.

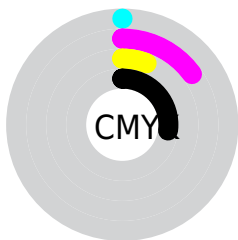
Distribution



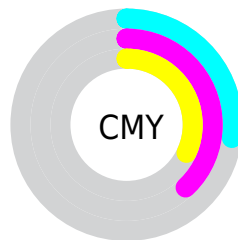
- Red (73%)
- Green (62%)
- Blue (68%)



- Red (73%)
- Yellow (62%)
- Blue (68%)



- Cyan (0%)
- Magenta (15%)
- Yellow (6%)
- Black (27%)



- Cyan (27%)
- Magenta (38%)
- Yellow (32%)
- Black (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 167.7830, 11.2770, 10.3890 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 167.7830, 11.2770, 10.3890 by changing the saturation by 10% instead.

■ 167.7830, 11.2770,
10.3890

■ 167.7830, 11.2770,
10.3890

■ 255.0000, -0.0000,
-0.0000

■ 141.3700, 11.0020,
9.8660

■ 223.0820, 11.8730,
10.6010

■ 116.0710, 10.4060,
9.6540

■ 246.7820, 3.8500,
7.3220

■ 90.7720, 9.8100,
9.4420

■ 67.3590, 9.5350,
8.9190

■ 45.0600, 8.9390,
8.7070

■ 24.3480, 8.0680,
7.9720

■ 2.5060, 4.4470,

2.0070

0.0000, 0.0000,
0.0000

167.7830, 11.2770,
10.3890

167.7830, 11.2770,
10.3890

155.7180, 19.0700,
17.8380

179.2610, 3.7590,
3.4630

144.2400, 26.5880,
24.7640

191.3260, -4.0340,
-3.9860

132.0610, 34.7020,
31.9020

202.9180,
-11.8730, -10.6010

120.5830, 42.2200,
38.8280

214.9830,
-19.6660, -18.0500

108.5180, 50.0130,
46.2770

227.0480,
-27.4590, -25.4990

■ 97.0400, 57.5310,
53.2030

■ 230.3080,
-31.1270, -25.1030

■ 84.8610, 65.6450,
60.3410

■ 231.3340,
-34.0160, -22.3040

■ 73.3830, 73.1630,
67.2670

■ 232.2460,
-36.5840, -19.8160

■ 67.0570, 77.1970,
71.2530

■ 233.1580,
-39.1520, -17.3280

Harmonies

Analogous

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



167.0960, 0.0900, 9.3860



167.7830, 11.2770, 10.3890



167.6220, 18.9800, 8.4520

Triad

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



167.7830, 11.2770, 10.3890



164.4600, 10.0880, -6.6160



161.6750, -24.0700, -4.3100

Complementary

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



167.7830, 11.2770, 10.3890



175.2170, -11.2770, -10.3890

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.



161.0080, -20.8140, -8.2540



167.7830, 11.2770, 10.3890



163.1920, -0.9610, -10.1210

Square

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



167.7830, 11.2770, 10.3890



165.8140, 18.0190, -1.6690



162.0320, -12.1940, -10.2900



163.6910, -20.9990, 0.6090

Rectangle

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



167.7830, 11.2770, 10.3890



166.9980, 20.6770, 5.2290



162.0320, -12.1940, -10.2900



161.5070, -23.6570, -6.2890

Sweetspot

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



167.7830, 11.2770, 10.3890



233.5600, 4.3550, 3.6750



164.6660, -1.5150, 10.9410



116.1360, 2.6130, 2.2050



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



167.7830, 11.2770, 10.3890



212.5930, 17.9240, 16.5800



166.3010, 15.4500, 6.3460



86.2610, 3.7590, 3.4630



56.4480, 65.3700, 59.8180



10.1960, 11.5520, 10.9120

Inverse Universe

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



167.7830, 11.2770, 10.3890



212.5930, 17.9240, 16.5800



176.6990, -15.4500, -6.3460



86.2610, 3.7590, 3.4630



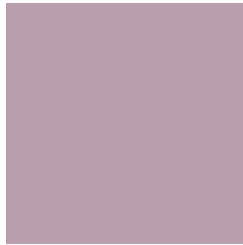
56.4480, 65.3700, 59.8180



10.1960, 11.5520, 10.9120

Previews

White Background



This preview shows how the YIQ color 167.7830, 11.2770, 10.3890 looks on a white background.

Color Contrast Check

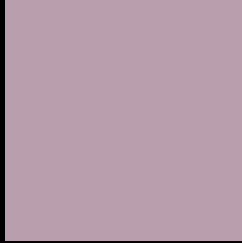
Large Text (above 18pt) WCAG AA × Fail

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 167.7830, 11.2770, 10.3890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

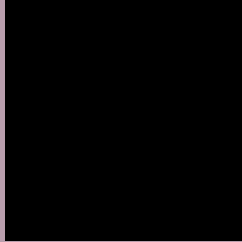
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 167.7830, 11.2770, 10.3890

Background



This preview shows how black text looks on a background with the YIQ color 167.7830, 11.2770, 10.3890.



This preview shows how white text looks on a background with the YIQ color 167.7830, 11.2770,

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

167.7830, 11.2770, 10.3890

Protanopia

165.7810, -3.5770, 4.2550

Deuteranopia

167.4510, 6.2800, 7.3360



Tritanopia

167.5550, 11.9190, 9.7670

Trichromacy



Original Color

167.7830, 11.2770, 10.3890

Protanomaly

166.5860, 1.4660, 6.4740

Deuteranomaly

167.7610, 8.3430, 8.4950

Tritanomaly

167.6690, 11.5980, 10.0780

Monochromacy



Original Color

167.7830, 11.2770, 10.3890

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

167.6740, 4.0340, 3.9860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 167.7830, 11.2770, 10.3890 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(185, 158, 173)` looks like.

```
.text, #text, p{  
    color:rgb(185, 158, 173)  
}
```

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(185, 158, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 158, 173) }
```

Border

The CSS property to change the border of an element to YIQ 167.7830, 11.2770, 10.3890 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(185, 158, 173) }
```


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

```
.border{ border-color:rgb(185, 158, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 158, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 158, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 158, 173);  
box-shadow:4px 4px 4px 4px rgb(185, 158,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 167.7830, 11.2770, 10.3890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 158, 173) }
```

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

```
.background{ background-color: rgb(185,  
158, 173) }
```

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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