

Converting Colors

YIQ(167.3600, 15.8210,
-16.9070)

Have a look what the booklet for
YIQ(167.3600, 15.8210, -16.9070)
contains.

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Color

**YIQ(167.3600, 15.8210,
-16.9070)**

Conversions

Conversions Part 1

Format	Color
Hex	ACAE79
RGB	172, 174, 121
RGB Percent	67%, 68%, 47%
CMY	0.3255, 0.3176, 0.5254
CMYK	0.01, 0.00, 0.30, 0.32
HSL	62°, 25%, 58%
HSV	62°, 30%, 68%
XYZ	35.6001, 40.4231, 24.0238
YIQ	167.3600, 15.8210, -16.9070

Conversions

Conversions Part 2

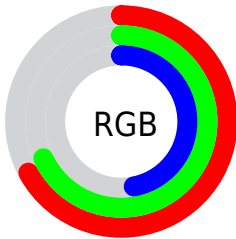
Format	Color
RYB	121, 174, 123
Decimal	11316857
CIELab	69.77, -9.28, 27.03
CIELCh	70, 28.574, 108.948
Yxy	40.4231, 0.3558, 0.4040
Android (android.graphics.Color)	4289506937 (0xFFACAE79)
YUV	167.3600, -22.8555, 4.0693
Hunter-Lab	63.5791, -11.3152, 22.1023

Details

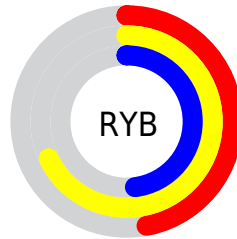
The YIQ color **167.3600, 15.8210, -16.9070** is a light color, and the websafe version is hex **999966**. A complement of this color would be **127.6400, -15.8210, 16.9070**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **222.4310, 17.0590, -17.3170**, and **115.4030, 14.2620, -16.1860** is the 20% darker color. If you saturate the color by 10%, you get **165.1230, 20.6820, -22.4060**, and if you desaturate by 10%, it is **169.5970, 10.9600, -11.4080**.

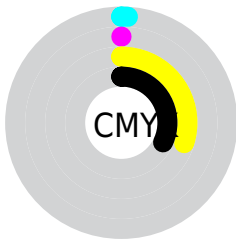
Distribution



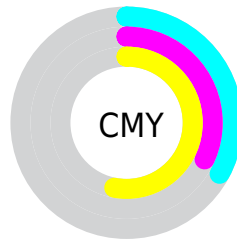
- Red (67%)
- Green (68%)
- Blue (47%)



- Red (47%)
- Yellow (68%)
- Blue (48%)



- Cyan (1%)
- Magenta (0%)
- Yellow (30%)
- Black (32%)



- Cyan (33%)
- Magenta (32%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 167.3600, 15.8210, -16.9070 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 167.3600, 15.8210, -16.9070 by changing the saturation by 10% instead.

■ 167.3600, 15.8210,
-16.9070

■ 167.3600, 15.8210,
-16.9070

■ 255.0000, -0.0000,
-0.0000

■ 140.5880, 15.1790,
-16.2850

■ 222.4310, 17.0590,
-17.3170

■ 115.4030, 14.2620,
-16.1860

■ 248.8440, 17.3340,
-16.7940

■ 90.5170, 13.9410,
-15.8750

■ 252.1500, 8.0250,
-7.7750

■ 66.4460, 12.7030,
-15.4650

■ 43.9190, 12.7490,
-16.2990

■ 24.7860, 6.0540,
-10.6020

■ 0.0000, 0.0000,

0.0000

■ 167.3600, 15.8210,
-16.9070

■ 167.3600, 15.8210,
-16.9070

■ 165.1230, 20.6820,
-22.4060

■ 169.5970, 10.9600,
-11.4080

■ 163.0710, 26.4600,
-28.0040

■ 171.6490, 5.1820,
-5.8100

■ 160.8340, 31.3210,
-33.5030

■ 173.8860, 0.3210,
-0.3110

■ 158.4830, 36.5030,
-39.3130

■ 176.2370, -4.8610,
5.4990

■ 156.5450, 41.9600,
-44.6000

■ 178.1750,
-10.3180, 10.7860

■ 154.3080, 46.8210,
-50.0990

■ 180.4120,
-15.1790, 16.2850

■ 152.0710, 51.6820,
-55.5980

■ 182.7630,
-20.3610, 22.0950

■ 184.1310,
-24.2130, 25.8270

■ 184.4300,
-23.6170, 26.0390

Harmonies

Analogous

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



170.3240, 33.8380, -7.5220



167.3600, 15.8210, -16.9070



164.2090, -8.7990, -22.2630

Triad

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



167.3600, 15.8210, -16.9070



159.0650, -60.5190, -10.0470



174.4420, 28.8350, 22.5870

Complementary

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



167.3600, 15.8210, -16.9070



127.6400, -15.8210, 16.9070

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.



174.1220, 6.3690, 22.2490



167.3600, 15.8210, -16.9070



165.2830, -46.0330, 2.7590

Square

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



167.3600, 15.8210, -16.9070



157.3070, -55.7490, -19.4050



171.1340, -20.2680, 14.9000



173.5710, 41.3530, 15.9850

Rectangle

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



167.3600, 15.8210, -16.9070



161.4120, -25.4880, -22.6720



171.1340, -20.2680, 14.9000



174.8480, 21.8200, 23.0680

Sweetspot

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



167.3600, 15.8210, -16.9070



224.4210, 5.8240, -6.4320



138.0210, 31.0380, 10.1900



113.2190, 3.5770, -4.2550



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



167.3600, 15.8210, -16.9070



216.5270, 25.1760, -26.7600



159.5860, 0.3250, -22.4190



85.6750, 2.2930, -3.0110



131.4050, 45.1700, -47.7100



20.0790, 6.7870, -7.3650

Inverse Universe

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



127.6400, -15.8210, 16.9070



153.4730, -25.1760, 26.7600



135.4140, -0.3250, 22.4190



79.0260, -2.8890, 2.7990



18.8940, -44.5740, 47.9220



2.9210, -6.7870, 7.3650

Previews

White Background



This preview shows how the YIQ color 167.3600, 15.8210, -16.9070 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 167.3600, 15.8210, -16.9070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

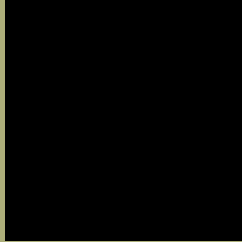
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 167.3600, 15.8210, -16.9070

Background



This preview shows how black text looks on a background with the YIQ color 167.3600, 15.8210, -16.9070.



This preview shows how white text looks on a background with the YIQ color 167.3600, 15.8210,

-16.9070.

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

167.3600, 15.8210, -16.9070

Protanopia

168.3720, 24.7150, -12.8930

Deuteranopia

170.1010, 36.0840, -4.1720



Tritanopia

172.0700, 2.9790, 6.5870

Trichromacy



Original Color

167.3600, 15.8210, -16.9070

Protanomaly

167.8770, 21.7350, -13.9530

Deuteranomaly

169.0460, 28.7490, -8.9070

Tritanomaly

170.5400, 7.1070, -2.1490

Monochromacy



Original Color

167.3600, 15.8210, -16.9070

Achromatopsia

167.0000, -0.0000, -0.0000

Achromatomaly

167.4210, 5.8240, -6.4320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 167.3600, 15.8210, -16.9070 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(172, 174, 121)` looks like.

```
.text, #text, p{  
    color:rgb(172, 174, 121)  
}
```

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(172, 174, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 174, 121) }
```

Border

The CSS property to change the border of an element to YIQ 167.3600, 15.8210, -16.9070 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(172, 174, 121) }
```


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

```
.border{ border-color:rgb(172, 174, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 174, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 174, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 174, 121);  
box-shadow:4px 4px 4px 4px rgb(172, 174,  
121) }
```

Background

The CSS property to change the background color of an element to YIQ 167.3600, 15.8210, -16.9070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 174, 121) }
```

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

```
.background{ background-color: rgb(172,  
174, 121) }
```

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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