

Converting Colors

YIQ(166.3320, 13.0240,
-15.7760)

Have a look what the booklet for
YIQ(166.3320, 13.0240, -15.7760)
contains.

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Color

**YIQ(166.3320, 13.0240,
-15.7760)**

Conversions

Conversions Part 1

Format	Color
Hex	A9AD7D
RGB	169, 173, 125
RGB Percent	66%, 68%, 49%
CMY	0.3373, 0.3215, 0.5097
CMYK	0.02, 0.00, 0.28, 0.32
HSL	65°, 23%, 58%
HSV	65°, 28%, 68%
XYZ	35.0070, 39.8029, 25.2473
YIQ	166.3320, 13.0240, -15.7760

Conversions

Conversions Part 2

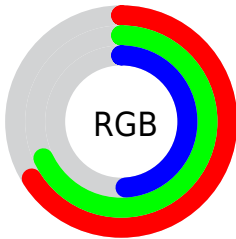
Format	Color
RYB	125, 173, 129
Decimal	11119997
CIELab	69.33, -9.39, 24.25
CIElCh	69, 26.003, 111.170
Yxy	39.8029, 0.3499, 0.3978
Android (android.graphics.Color)	4289310077 (0xFFA9AD7D)
YUV	166.3320, -20.3767, 2.3398
Hunter-Lab	63.0895, -11.3609, 20.4359

Details

The YIQ color **166.3320, 13.0240, -15.7760** is a light color, and the websafe version is hex **999966**. A complement of this color would be **131.6680, -13.0240, 15.7760**, and the grayscale version is **167.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **221.4030, 14.2620, -16.1860**, and **114.3750, 11.4650, -15.0550** is the 20% darker color. If you saturate the color by 10%, you get **164.0950, 17.8850, -21.2750**, and if you desaturate by 10%, it is **168.5690, 8.1630, -10.2770**.

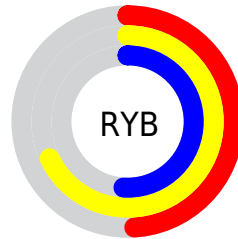
Distribution



Red (66%)

Green (68%)

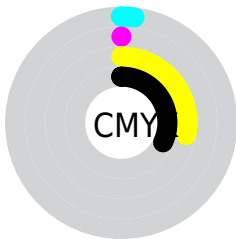
Blue (49%)



Red (49%)

Yellow (68%)

Blue (51%)

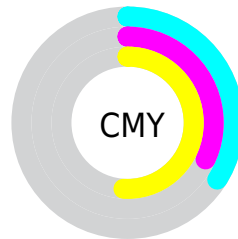


Cyan (2%)

Magenta (0%)

Yellow (28%)

Black (32%)



Cyan (34%)

Magenta (32%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 166.3320, 13.0240, -15.7760 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 166.3320, 13.0240, -15.7760 by changing the saturation by 10% instead.

■ 166.3320, 13.0240,
-15.7760

■ 166.3320, 13.0240,
-15.7760

■ 255.0000, -0.0000,
-0.0000

■ 139.5600, 12.3820,
-15.1540

■ 221.4030, 14.2620,
-16.1860

■ 114.3750, 11.4650,
-15.0550

■ 249.1150, 15.1330,
-15.4510

■ 89.4890, 11.1440,
-14.7440

■ 252.6060, 6.7410,
-6.5310

■ 65.7170, 10.5020,
-14.1220

■ 43.3040, 10.2270,
-14.6450

■ 23.9000, 5.7330,
-10.2910

■ 0.0000, 0.0000,

0.0000

■ 166.3320, 13.0240,
-15.7760

■ 166.3320, 13.0240,
-15.7760

■ 164.0950, 17.8850,
-21.2750

■ 168.5690, 8.1630,
-10.2770

■ 161.4450, 22.4710,
-27.2970

■ 171.2190, 3.5770,
-4.2550

■ 159.2080, 27.3320,
-32.7960

■ 173.4560, -1.2840,
1.2440

■ 156.6720, 31.5970,
-38.5070

■ 175.9920, -5.5490,
6.9550

■ 154.4350, 36.4580,
-44.0060

■ 178.3430,
-10.7310, 12.7650

■ 151.7850, 41.0440,
-50.0280

■ 180.8790,
-14.9960, 18.4760

■ 149.5480, 45.9050,
-55.5270

■ 183.1160,
-19.8570, 23.9750

■ 149.0920, 47.1890,
-56.7710

■ 184.7400,
-21.5540, 27.1980

■ 185.0390,
-20.9580, 27.4100

Harmonies

Analogous

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



168.5840, 30.1700, -7.1260



166.3320, 13.0240, -15.7760



163.3770, -9.2120, -20.2840

Triad

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



166.3320, 13.0240, -15.7760



159.8380, -52.4500, -7.6020



173.3770, 27.4600, 19.9720

Complementary

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



166.3320, 13.0240, -15.7760



131.6680, -13.0240, 15.7760

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.



173.1390, 7.6990, 20.1710



166.3320, 13.0240, -15.7760



165.5180, -39.3850, 3.4230

Square

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



166.3320, 13.0240, -15.7760



157.8240, -49.8350, -16.4510



170.7600, -16.2790, 14.1930



172.1360, 38.1440, 13.5680

Rectangle

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



166.3320, 13.0240, -15.7760



160.7650, -24.9840, -20.7920



170.7600, -16.2790, 14.1930



173.3810, 21.6370, 20.8770

Sweetspot

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



166.3320, 13.0240, -15.7760



221.6490, 5.1820, -5.8100



141.7000, 27.5080, 8.0840



110.4470, 2.9350, -3.6330



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



166.3320, 13.0240, -15.7760



213.7700, 20.1780, -24.2860



159.1560, -1.2800, -20.8640



85.6750, 2.2930, -3.0110



129.3120, 40.9980, -49.1940



19.7800, 6.1910, -7.5770

Inverse Universe

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



131.6680, -13.0240, 15.7760



160.5290, -19.5820, 24.4980



138.8440, 1.2800, 20.8640



79.3250, -2.2930, 3.0110



20.9870, -40.4020, 49.4060



3.2200, -6.1910, 7.5770

Previews

White Background



This preview shows how the YIQ color 166.3320, 13.0240, -15.7760 looks on a white background.

Color Contrast Check

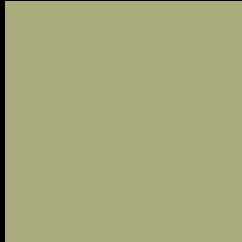
Large Text (above 18pt) WCAG AA × Fail

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 166.3320, 13.0240, -15.7760 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

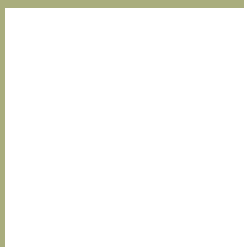
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 166.3320, 13.0240, -15.7760

Background



This preview shows how black text looks on a background with the YIQ color 166.3320, 13.0240, -15.7760.



This preview shows how white text looks on a background with the YIQ color 166.3320, 13.0240,

-15.7760.

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

166.3320, 13.0240, -15.7760

Protanopia

167.6430, 22.5140, -11.5500

Deuteranopia

169.0730, 33.2870, -3.0410



Tritanopia

170.4720, 1.7870, 6.1630

Trichromacy



Original Color

166.3320, 13.0240, -15.7760

Protanomaly

166.8490, 18.9380, -12.8220

Deuteranomaly

168.0180, 25.9520, -7.7760

Tritanomaly

169.0560, 5.5940, -2.2620

Monochromacy



Original Color

166.3320, 13.0240, -15.7760

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

166.3500, 4.5860, -6.0220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.3320, 13.0240, -15.7760 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, 173, 125)` looks like.

```
.text, #text, p{  
    color:rgb(169, 173, 125)  
}
```

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, 173, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 173, 125) }
```

Border

The CSS property to change the border of an element to YIQ 166.3320, 13.0240, -15.7760 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, 173, 125) }
```


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

```
.border{ border-color:rgb(169, 173, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 173, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 173, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 173, 125);  
box-shadow:4px 4px 4px 4px rgb(169, 173,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 166.3320, 13.0240, -15.7760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 173, 125) }
```

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

```
.background{ background-color: rgb(169,  
173, 125) }
```

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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