

Converting Colors

YIQ(167.1120, -6.0070, 4.2410)

Have a look what the booklet for
YIQ(167.1120, -6.0070, 4.2410)
contains.

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Color

**YIQ(167.1120, -6.0070,
4.2410)**

Conversions

Conversions Part 1

Format	Color
Hex	A4A6B5
RGB	164, 166, 181
RGB Percent	64%, 65%, 71%
CMY	0.3569, 0.3490, 0.2902
CMYK	0.09, 0.08, 0.00, 0.29
HSL	233°, 10%, 68%
HSV	233°, 9%, 71%
XYZ	37.2860, 38.5012, 49.1775
YIQ	167.1120, -6.0070, 4.2410

Conversions

Conversions Part 2

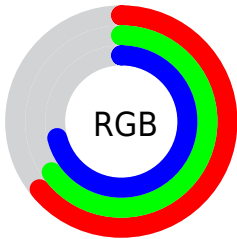
Format	Color
R_{YB}	164, 166, 181
Decimal	10790581
CIE Lab	68.39, 2.28, -7.95
CIE LCh	68, 8.272, 285.983
Yxy	38.5012, 0.2984, 0.3081
Android (android.graphics.Color)	4288980661 (0xFFA4A6B5)
YUV	167.1120, 6.8468, -2.7292
Hunter-Lab	62.0494, -1.3241, -3.5560

Details

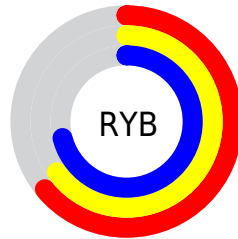
The YIQ color $167.1120, -6.0070, 4.2410$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $177.8880, 6.0070, -4.2410$, and the grayscale version is $167.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $222.2260, -6.3280, 4.5520$, and $114.9980, -5.6860, 3.9300$ is the 20% darker color. If you saturate the color by 10%, you get $152.3380, -12.3350, 8.7930$, and if you desaturate by 10%, it is $181.8860, 0.3210, -0.3110$.

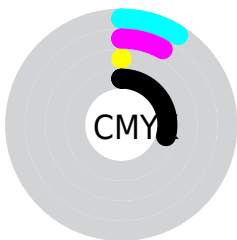
Distribution



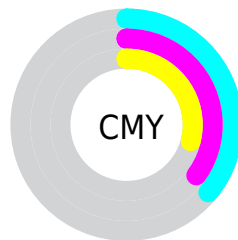
- Red (64%)
- Green (65%)
- Blue (71%)



- Red (64%)
- Yellow (65%)
- Blue (71%)



- Cyan (9%)
- Magenta (8%)
- Yellow (0%)
- Black (29%)



- Cyan (36%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 167.1120, -6.0070, 4.2410 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 167.1120, -6.0070, 4.2410 by changing the saturation by 10% instead.

■ 167.1120, -6.0070,
4.2410

■ 167.1120, -6.0070,
4.2410

■ 255.0000, -0.0000,
-0.0000

■ 140.9980, -5.6860,
3.9300

■ 222.2260, -6.3280,
4.5520

■ 114.9980, -5.6860,
3.9300

■ 249.9720, -2.7970,
1.1310

■ 90.8840, -5.3650,
3.6190

■ 66.8840, -5.3650,
3.6190

■ 44.7700, -5.0440,
3.3080

■ 24.3570, -5.3190,
2.7850

■ 1.3680, -3.8520,

3.7320

■ 0.0000, 0.0000,
0.0000

■ 167.1120, -6.0070,
4.2410

■ 167.1120, -6.0070,
4.2410

■ 152.3380,
-12.3350, 8.7930

■ 181.8860, 0.3210,
-0.3110

■ 137.5640,
-18.6630, 13.3450

■ 196.6600, 6.6490,
-4.8630

■ 122.7900,
-24.9910, 17.8970

■ 211.4340, 12.9770,
-9.4150

■ 108.0160,
-31.3190, 22.4490

■ 226.2080, 19.3050,
-13.9670

■ 93.2420, -37.6470,
27.0010

■ 240.9820, 25.6330,
-18.5190

■ 78.1690, -44.5710,
31.3410

■ 246.5640, 23.7540,
-23.0140

■ 63.3950, -50.8990,
35.8930

■ 48.6210, -57.2270,
40.4450

■ 33.8470, -63.5550,
44.9970

Harmonies

Analogous

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



165.5950, -11.9210, 1.2870



167.1120, -6.0070, 4.2410



168.1730, 1.1910, 5.9510

Triad

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



167.1120, -6.0070, 4.2410



167.8830, 13.5710, 1.8510



164.7060, -8.1600, -6.3040

Complementary

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



167.1120, -6.0070, 4.2410



177.8880, 6.0070, -4.2410

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.



165.4140, -1.4660, -6.4740



167.1120, -6.0070, 4.2410



167.1060, 11.3250, -1.4990

Square

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



167.1120, -6.0070, 4.2410



168.3930, 12.1950, 4.7630



165.8880, 6.0070, -4.2410



164.4220, -13.1120, -4.6640

Rectangle

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



167.1120, -6.0070, 4.2410



168.0380, 6.0050, 6.8130



165.8880, 6.0070, -4.2410



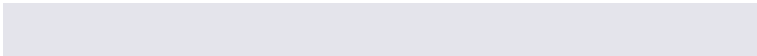
164.9620, -6.0050, -6.8130

Sweetspot

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



167.1120, -6.0070, 4.2410



228.7980, -2.2470, 2.1770



175.6890, -9.4900, -4.2260



113.4560, -1.2840, 1.2440



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



167.1120, -6.0070, 4.2410



213.7250, -9.1710, 6.5170



167.7320, -1.8810, 6.5590



81.6130, -3.1640, 2.2760



28.0080, -54.0630, 38.1690



4.7250, -9.1710, 6.5170

Inverse Universe

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



169.3110, 9.4900, 4.2260



217.1160, 14.5330, 6.4450



177.2680, 1.8810, -6.5590



82.8050, 5.0430, 2.2190



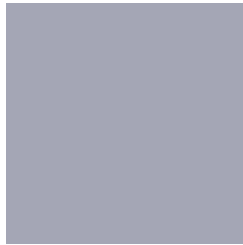
47.7990, 85.4100, 38.0340



8.1160, 14.5330, 6.4450

Previews

White Background



This preview shows how the YIQ color 167.1120, -6.0070, 4.2410 looks on a white background.

Color Contrast Check

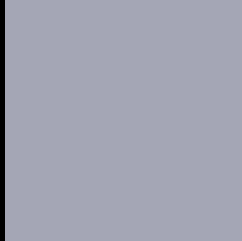
Large Text (above 18pt) WCAG AA × Fail

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 167.1120, -6.0070, 4.2410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

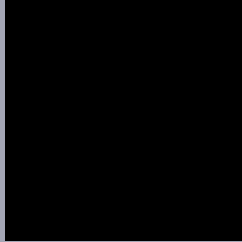
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 167.1120, -6.0070, 4.2410

Background



This preview shows how black text looks on a background with the YIQ color 167.1120, -6.0070, 4.2410.

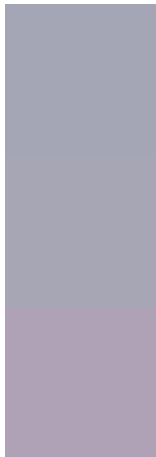


This preview shows how white text looks on a background with the YIQ color 167.1120, -6.0070,

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

167.1120, -6.0070, 4.2410

Protanopia

167.7100, -4.8150, 4.6650

Deuteranopia

168.4660, 1.9240, 9.1880



Tritanopia

166.8840, -5.3650, 3.6190

Trichromacy



Original Color

167.1120, -6.0070, 4.2410

Protanomaly

167.4110, -5.4110, 4.4530

Deuteranomaly

167.8570, -0.7350, 7.8170

Tritanomaly

166.9980, -5.6860, 3.9300

Monochromacy



Original Color

167.1120, -6.0070, 4.2410

Achromatopsia

167.0000, -0.0000, -0.0000

Achromatomaly

167.2710, -2.2010, 1.3430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 167.1120, -6.0070, 4.2410 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(164, 166, 181)` looks like.

```
.text, #text, p{  
    color:rgb(164, 166, 181)  
}
```

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(164, 166, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 166, 181) }
```

Border

The CSS property to change the border of an element to YIQ 167.1120, -6.0070, 4.2410 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(164, 166, 181) }
```


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

```
.border{ border-color:rgb(164, 166, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 166, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 166, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 166, 181);  
box-shadow:4px 4px 4px 4px rgb(164, 166,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 167.1120, -6.0070, 4.2410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 166, 181) }
```

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

```
.background{ background-color: rgb(164,  
166, 181) }
```

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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