

Converting Colors

YIQ(171.8660, 3.0730, -6.1350)

Have a look what the booklet for
YIQ(171.8660, 3.0730, -6.1350)
contains.

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Color

**YIQ(171.8660, 3.0730,
-6.1350)**

Conversions

Conversions Part 1

Format	Color
Hex	ABAF9E
RGB	171, 175, 158
RGB Percent	67%, 69%, 62%
CMY	0.3294, 0.3137, 0.3804
CMYK	0.02, 0.00, 0.10, 0.31
HSL	74°, 10%, 65%
HSV	74°, 10%, 69%
XYZ	38.2959, 41.7868, 38.3979
YIQ	171.8660, 3.0730, -6.1350

Conversions

Conversions Part 2

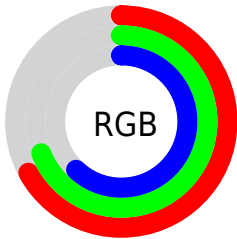
Format	Color
RYB	158, 175, 162
Decimal	11251614
CIELab	70.72, -4.51, 8.22
CIELCh	71, 9.379, 118.761
Yxy	41.7868, 0.3232, 0.3527
Android (android.graphics.Color)	4289441694 (0xFFABAF9E)
YUV	171.8660, -6.8359, -0.7595
Hunter-Lab	64.6427, -7.3771, 10.0315

Details

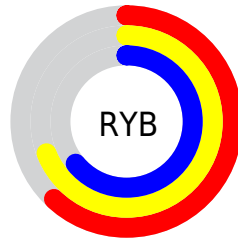
The YIQ color **171.8660, 3.0730, -6.1350** is a light color, and the websafe version is hex **999999**. A complement of this color would be **161.1340, -3.0730, 6.1350**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.4530, 2.7980, -6.6580**, and **119.9800, 2.7520, -5.8240** is the 20% darker color. If you saturate the color by 10%, you get **168.7320, 6.1460, -12.2700**, and if you desaturate by 10%, it is **175.1140, -0.3210, 0.3110**.

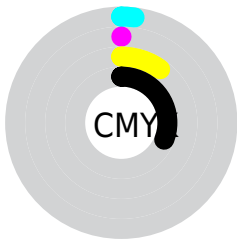
Distribution



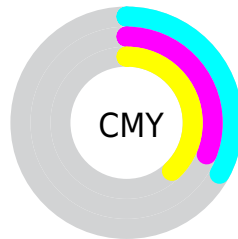
- Red (67%)
- Green (69%)
- Blue (62%)



- Red (62%)
- Yellow (69%)
- Blue (64%)



- Cyan (2%)
- Magenta (0%)
- Yellow (10%)
- Black (31%)



- Cyan (33%)
- Magenta (31%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.8660, 3.0730, -6.1350 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 171.8660, 3.0730, -6.1350 by changing the saturation by 10% instead.

■ 171.8660, 3.0730,
-6.1350

■ 171.8660, 3.0730,
-6.1350

■ 255.0000, -0.0000,
-0.0000

■ 144.9800, 2.7520,
-5.8240

■ 227.4530, 2.7980,
-6.6580

■ 119.9800, 2.7520,
-5.8240

■ 253.4040, 4.4940,
-4.3540

■ 94.9800, 2.7520,
-5.8240

■ 71.0940, 2.4310,
-5.5130

■ 48.6210, 2.3850,
-4.6790

■ 27.6210, 2.3850,
-4.6790

■ 2.9350, -1.3750,

-2.6150

■ 0.0000, 0.0000,
0.0000

■ 171.8660, 3.0730,
-6.1350

■ 171.8660, 3.0730,
-6.1350

■ 168.7320, 6.1460,
-12.2700

■ 175.1140, -0.3210,
0.3110

■ 165.4840, 9.5400,
-18.7160

■ 178.2480, -3.3940,
6.4460

■ 162.3500, 12.6130,
-24.8510

■ 181.4960, -6.7880,
12.8920

■ 158.8030, 15.4110,
-31.5090

■ 184.9290, -9.2650,
19.2390

■ 155.6690, 18.4840,
-37.6440

■ 188.1770,
-12.6590, 25.6850

■ 152.4210, 21.8780,
-44.0900

■ 190.3990,
-13.1640, 29.3320

■ 149.2870, 24.9510,
-50.2250

■ 191.5950,
-10.7800, 30.1800

■ 146.0390, 28.3450,
-56.6710

■ 192.7910, -8.3960,
31.0280

■ 142.9050, 31.4180,
-62.8060

■ 193.9870, -6.0120,
31.8760

Harmonies

Analogous

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



172.8670, 10.5000, -3.0680



171.8660, 3.0730, -6.1350



170.7340, -5.3630, -7.4350

Triad

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



171.8660, 3.0730, -6.1350



170.9750, -16.0470, -1.0310



174.6750, 11.4610, 7.0530

Complementary

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



171.8660, 3.0730, -6.1350



161.1340, -3.0730, 6.1350

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.



174.9670, 4.7670, 7.2230



171.8660, 3.0730, -6.1350



172.8340, -11.0960, 2.8560

Square

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



171.8660, 3.0730, -6.1350



170.5680, -16.4590, -4.5790



173.8350, -3.6690, 5.9230



174.8340, 15.2670, 4.1550

Rectangle

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



171.8660, 3.0730, -6.1350



170.3960, -10.2230, -7.4630



173.8350, -3.6690, 5.9230



175.3050, 9.6270, 7.2510

Sweetspot

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



171.8660, 3.0730, -6.1350



225.6040, 1.0550, -2.6010



165.4310, 9.0320, 1.5120



114.1310, 1.0090, -1.7670



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.



171.8660, 3.0730, -6.1350



222.1280, 5.0910, -9.6690



169.4740, -1.6950, -7.8310



85.3760, 1.6970, -3.2230



122.4350, 27.2900, -54.0700



18.8830, 4.4030, -8.2130

Inverse Universe

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



161.1340, -3.0730, 6.1350



204.8720, -5.0910, 9.6690



163.5260, 1.6950, 7.8310



79.6240, -1.6970, 3.2230



27.5650, -27.2900, 54.0700



4.1170, -4.4030, 8.2130

Previews

White Background



This preview shows how the YIQ color 171.8660, 3.0730, -6.1350 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 171.8660, 3.0730, -6.1350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

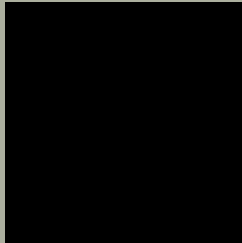
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

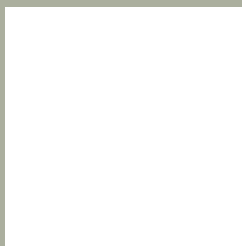
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 171.8660, 3.0730, -6.1350

Background



This preview shows how black text looks on a background with the YIQ color 171.8660, 3.0730, -6.1350.



This preview shows how white text looks on a background with the YIQ color 171.8660, 3.0730,

-6.1350.

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

171.8660, 3.0730, -6.1350

Protanopia

172.6820, 9.5830, -2.9690

Deuteranopia

174.5740, 18.9350, 3.7590



Tritanopia

173.7920, -2.1100, 5.2020

Trichromacy



Original Color

171.8660, 3.0730, -6.1350

Protanomaly

172.3720, 7.5200, -4.1280

Deuteranomaly

173.5300, 13.0670, -0.0290

Tritanomaly

172.9400, 0.2290, 1.3570

Monochromacy



Original Color

171.8660, 3.0730, -6.1350

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

172.0170, 1.3300, -2.0780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.8660, 3.0730, -6.1350 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(171, 175, 158)` looks like.

```
.text, #text, p{  
    color:rgb(171, 175, 158)  
}
```

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(171, 175, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 175, 158) }
```

Border

The CSS property to change the border of an element to YIQ 171.8660, 3.0730, -6.1350 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(171, 175, 158) }
```


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

```
.border{ border-color:rgb(171, 175, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 175, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 175, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 175, 158);  
box-shadow:4px 4px 4px 4px rgb(171, 175,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 171.8660, 3.0730, -6.1350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 175, 158) }
```

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

```
.background{ background-color: rgb(171,  
175, 158) }
```

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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