

Converting Colors

YIQ(172.9730, 4.6300, 4.1980)

Have a look what the booklet for
YIQ(172.9730, 4.6300, 4.1980)
contains.

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Color

**YIQ(172.9730, 4.6300,
4.1980)**

Conversions

Conversions Part 1

Format	Color
Hex	B4A9AF
RGB	180, 169, 175
RGB Percent	71%, 66%, 69%
CMY	0.2941, 0.3373, 0.3137
CMYK	0.00, 0.06, 0.03, 0.29
HSL	327°, 7%, 68%
HSV	327°, 6%, 71%
XYZ	40.7495, 41.1737, 46.3588
YIQ	172.9730, 4.6300, 4.1980

Conversions

Conversions Part 2

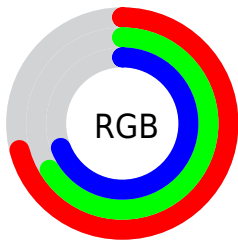
Format	Color
RYB	180, 169, 175
Decimal	11839919
CIELab	70.30, 5.05, -1.67
CIELCh	70, 5.318, 341.684
Yxy	41.1737, 0.3177, 0.3210
Android (android.graphics.Color)	4290029999 (0xFFB4A9AF)
YUV	172.9730, 0.9993, 6.1627
Hunter-Lab	64.1667, 1.0657, 2.0812

Details

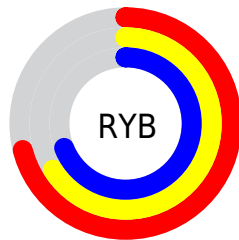
The YIQ color $172.9730, 4.6300, 4.1980$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $176.0270, -4.6300, -4.1980$, and the grayscale version is $173.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $228.2720, 5.2260, 4.4100$, and $120.6740, 4.0340, 3.9860$ is the 20% darker color. If you saturate the color by 10%, you get $161.4950, 12.1480, 11.1240$, and if you desaturate by 10%, it is $184.4510, -2.8880, -2.7280$.

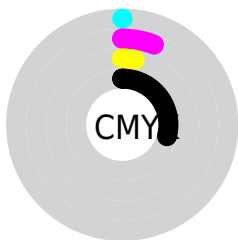
Distribution



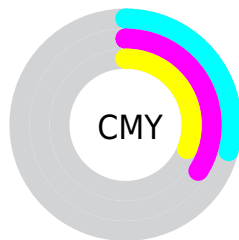
- Red (71%)
- Green (66%)
- Blue (69%)



- Red (71%)
- Yellow (66%)
- Blue (69%)



- Cyan (0%)
- Magenta (6%)
- Yellow (3%)
- Black (29%)



- Cyan (29%)
- Magenta (34%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.9730, 4.6300, 4.1980 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 172.9730, 4.6300, 4.1980 by changing the saturation by 10% instead.

■ 172.9730, 4.6300,
4.1980

■ 172.9730, 4.6300,
4.1980

■ 255.0000, -0.0000,
-0.0000

■ 146.5600, 4.3550,
3.6750

■ 228.2720, 5.2260,
4.4100

■ 120.6740, 4.0340,
3.9860

■ 253.8260, 0.5500,
1.0460

■ 95.6740, 4.0340,
3.9860

■ 72.2610, 3.7590,
3.4630

■ 49.8480, 3.4840,
2.9400

■ 28.8480, 3.4840,
2.9400

■ 4.1580, 5.5470,

4.0990

■ 0.0000, 0.0000,
0.0000

■ 172.9730, 4.6300,
4.1980

■ 172.9730, 4.6300,
4.1980

■ 161.4950, 12.1480,
11.1240

■ 184.4510, -2.8880,
-2.7280

■ 150.0170, 19.6660,
18.0500

■ 195.9290,
-10.4060, -9.6540

■ 138.4250, 27.5050,
24.6650

■ 207.5210,
-18.2450, -16.2690

■ 126.9470, 35.0230,
31.5910

■ 218.9990,
-25.7630, -23.1950

■ 115.4690, 42.5410,
38.5170

■ 228.1290,
-32.1810, -28.0290

■ 103.9910, 50.0590,
45.4430

■ 229.0410,
-34.7490, -25.5410

■ 92.5130, 57.5770,
52.3690

■ 229.9530,
-37.3170, -23.0530

■ 81.0350, 65.0950,
59.2950

■ 230.8650,
-39.8850, -20.5650

■ 69.4430, 72.9340,
65.9100

■ 231.8910,
-42.7740, -17.7660

Harmonies

Analogous

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



172.5210, 0.0910, 3.8590



172.9730, 4.6300, 4.1980



173.0010, 7.4270, 3.0670

Triad

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



172.9730, 4.6300, 4.1980



171.4580, 4.4020, -2.6860



170.5690, -9.0320, -1.5120

Complementary

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



172.9730, 4.6300, 4.1980



176.0270, -4.6300, -4.1980

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.



170.7000, -8.0230, -3.2790



172.9730, 4.6300, 4.1980



171.1800, -0.6870, -4.0710

Square

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



172.9730, 4.6300, 4.1980



172.4800, 7.3360, -0.7920



170.7280, -5.2260, -4.4100



171.2210, -7.9320, 0.5800

Rectangle

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



172.9730, 4.6300, 4.1980



172.9580, 8.9860, 2.3460



170.7280, -5.2260, -4.4100



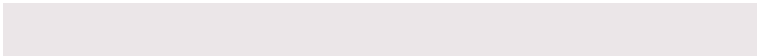
170.7430, -9.5820, -2.5580

Sweetspot

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



172.9730, 4.6300, 4.1980



231.7230, 2.3380, 1.6820



171.7490, -0.5510, 4.4810



115.7120, 0.8710, 0.7350



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.



172.9730, 4.6300, 4.1980



224.1090, 7.2430, 6.4030



172.4030, 6.2350, 2.6430



84.5490, 2.8880, 2.7280



55.2090, 64.5450, 58.2490



9.3700, 11.0020, 9.8660

Inverse Universe

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



172.9730, 4.6300, 4.1980



224.1090, 7.2430, 6.4030



176.5970, -6.2350, -2.6430



84.5490, 2.8880, 2.7280



55.2090, 64.5450, 58.2490



9.3700, 11.0020, 9.8660

Previews

White Background



This preview shows how the YIQ color 172.9730, 4.6300, 4.1980 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 172.9730, 4.6300, 4.1980 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 172.9730, 4.6300, 4.1980

Background



This preview shows how black text looks on a background with the YIQ color 172.9730, 4.6300, 4.1980.



This preview shows how white text looks on a background with the YIQ color 172.9730, 4.6300,

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

172.9730, 4.6300, 4.1980

Protanopia

172.4670, 0.1830, 2.1910

Deuteranopia

173.8920, 9.3520, 6.7280



Tritanopia

173.3690, 3.5750, 6.7990

Trichromacy



Original Color

172.9730, 4.6300, 4.1980

Protanomaly

172.4780, 1.6500, 3.1380

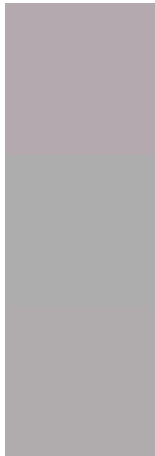
Deuteranomaly

173.5820, 7.2890, 5.5690

Tritanomaly

173.1410, 4.2170, 6.1770

Monochromacy



Original Color

172.9730, 4.6300, 4.1980

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

173.4240, 1.7420, 1.4700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.9730, 4.6300, 4.1980 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(180, 169, 175)` looks like.

```
.text, #text, p{  
    color:rgb(180, 169, 175)  
}
```

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(180, 169, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 169, 175) }
```

Border

The CSS property to change the border of an element to YIQ 172.9730, 4.6300, 4.1980 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(180, 169, 175) }
```


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

```
.border{ border-color:rgb(180, 169, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 169, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 169, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 169, 175);  
box-shadow:4px 4px 4px 4px rgb(180, 169,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 172.9730, 4.6300, 4.1980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 169, 175) }
```

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

```
.background{ background-color: rgb(180,  
169, 175) }
```

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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