

Converting Colors

YIQ(182.1430, -16.4600, 0.9480)

Have a look what the booklet for
YIQ(182.1430, -16.4600, 0.9480)
contains.

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Color

**YIQ(182.1430, -16.4600,
0.9480)**

Conversions

Conversions Part 1

Format	Color
Hex	A7BACA
RGB	167, 186, 202
RGB Percent	65%, 73%, 79%
CMY	0.3451, 0.2705, 0.2079
CMYK	0.17, 0.08, 0.00, 0.21
HSL	207°, 25%, 72%
HSV	207°, 17%, 79%
XYZ	44.1534, 47.5990, 62.7252
YIQ	182.1430, -16.4600, 0.9480

Conversions

Conversions Part 2

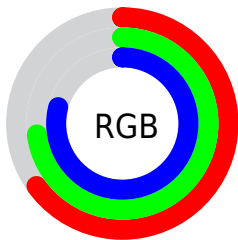
Format	Color
RYB	167, 179, 202
Decimal	10992330
CIELab	74.57, -3.16, -10.26
CIELCh	75, 10.731, 252.901
Yxy	47.5990, 0.2858, 0.3081
Android (android.graphics.Color)	4289182410 (0xFFA7BACA)
YUV	182.1430, 9.7895, -13.2804
Hunter-Lab	68.9921, -6.5001, -5.6100

Details

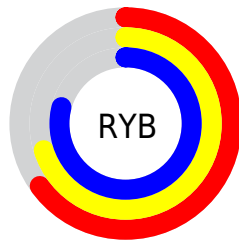
The YIQ color $182.1430, -16.4600, 0.9480$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $186.8570, 16.4600, -0.9480$, and the grayscale version is $182.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $237.5020, -16.0930, -0.1970$, and $129.3280, -15.5430, 0.8490$ is the 20% darker color. If you saturate the color by 10%, you get $170.8800, -25.9050, 1.4150$, and if you desaturate by 10%, it is $193.4060, -7.0150, 0.4810$.

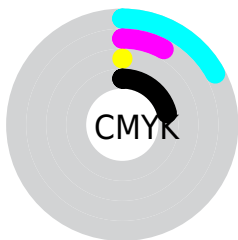
Distribution



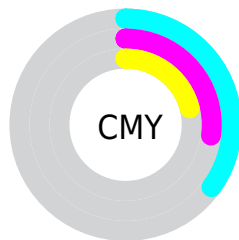
- Red (65%)
- Green (73%)
- Blue (79%)



- Red (65%)
- Yellow (70%)
- Blue (79%)



- Cyan (17%)
- Magenta (8%)
- Yellow (0%)
- Black (21%)



- Cyan (35%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 182.1430, -16.4600, 0.9480 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 182.1430, -16.4600, 0.9480 by changing the saturation by 10% instead.

■ 182.1430,
-16.4600, 0.9480

■ 182.1430,
-16.4600, 0.9480

■ 255.0000, -0.0000,
-0.0000

■ 155.1430,
-16.4600, 0.9480

■ 237.5020,
-16.0930, -0.1970

■ 129.3280,
-15.5430, 0.8490

■ 253.8040, -2.3840,
-0.8480

■ 104.2140,
-15.2220, 0.5380

■ 80.1000, -14.9010,
0.2270

■ 56.5130, -14.6260,
0.7500

■ 34.9860, -14.5800,
-0.0840

■ 13.9860, -14.5800,

-0.0840

■ 0.2280, -0.6420,
0.6220

■ 0.0000, 0.0000,
0.0000

■ 182.1430,
-16.4600, 0.9480

■ 182.1430,
-16.4600, 0.9480

■ 170.8800,
-25.9050, 1.4150

■ 193.4060, -7.0150,
0.4810

■ 159.6170,
-35.3500, 1.8820

■ 204.6690, 2.4300,
0.0140

■ 147.4680,
-45.1160, 2.6600

■ 216.8180, 12.1960,
-0.7640

■ 136.2050,
-54.5610, 3.1270

■ 228.0810, 21.6410,
-1.2310

■ 124.9420,
-64.0060, 3.5940

■ 235.4570, 23.3380,
-4.4540

■ 113.6790,
-73.4510, 4.0610

■ 240.7400, 20.8630,
-9.1610

■ 101.8290,
-82.6210, 5.0510

■ 246.6100, 18.1130,
-14.3910

■ 90.2670, -92.6620,
5.3060

■ 248.9580, 17.0130,
-16.4830

■ 87.5980, -95.0920,
5.2920

Harmonies

Analogous

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



180.5400, -19.2560, -3.4480



182.1430, -16.4600, 0.9480



183.7850, -9.4000, 5.1600

Triad

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



182.1430, -16.4600, 0.9480



185.6000, 16.0460, 6.5580



181.6590, -0.7780, -7.9300

Complementary

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



182.1430, -16.4600, 0.9480



186.8570, 16.4600, -0.9480

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.



182.6170, 8.2080, -5.5840



182.1430, -16.4600, 0.9480



184.8620, 18.0640, 3.0240

Square

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



182.1430, -16.4600, 0.9480



185.2450, 9.8560, 8.6080



183.9600, 14.6720, -1.5840



180.7550, -9.8560, -8.6080

Rectangle

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



182.1430, -16.4600, 0.9480



184.9600, -2.5230, 7.1810



183.9600, 14.6720, -1.5840



181.7410, 1.9270, -7.3930

Sweetspot

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



182.1430, -16.4600, 0.9480



247.5910, -6.0980, 0.3820



189.3690, -14.7610, -13.3290



123.2600, -3.6680, 0.3960



0.0000, 0.0000, 0.0000



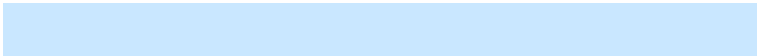
128.0000, -0.0000, -0.0000

Same Dimension

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



182.1430, -16.4600, 0.9480



224.7660, -25.5840, 1.1040



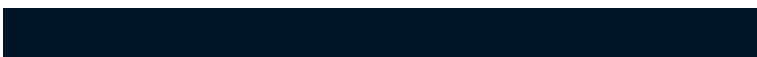
172.1640, -11.7850, 9.8390



96.0750, -4.5850, 0.4950



71.7540, -78.0360, 4.5560



16.6590, -17.9730, 0.8350

Inverse Universe

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



179.6310, 14.7610, 13.3290



220.5660, 22.5540, 20.7780



196.8360, 11.7850, -9.8390



95.5600, 4.3550, 3.6750



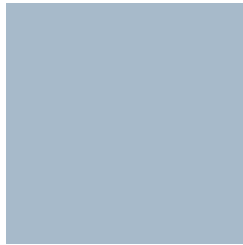
59.8940, 70.0460, 63.1820



13.7560, 15.9070, 14.5870

Previews

White Background



This preview shows how the YIQ color 182.1430, -16.4600, 0.9480 looks on a white background.

Color Contrast Check

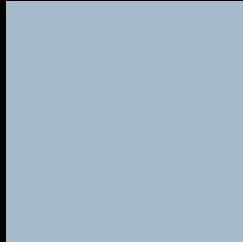
Large Text (above 18pt) WCAG AA × Fail

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 182.1430, -16.4600, 0.9480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

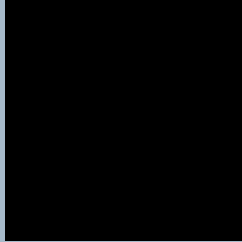
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 182.1430, -16.4600, 0.9480

Background



This preview shows how black text looks on a background with the YIQ color 182.1430, -16.4600, 0.9480.



This preview shows how white text looks on a background with the YIQ color 182.1430, -16.4600,

0.9480.

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

182.1430, -16.4600, 0.9480

Protanopia

183.9380, -5.4570, 5.2870

Deuteranopia

185.1500, -0.0020, 11.0540



Tritanopia

182.0290, -16.1390, 0.6370

Trichromacy



Original Color

182.1430, -16.4600, 0.9480

Protanomaly

183.1440, -9.0330, 4.0150

Deuteranomaly

184.1060, -5.8700, 7.2660

Tritanomaly

182.0290, -16.1390, 0.6370

Monochromacy



Original Color

182.1430, -16.4600, 0.9480

Achromatopsia

182.0000, -0.0000, -0.0000

Achromatomaly

181.8900, -5.5020, 0.5940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 182.1430, -16.4600, 0.9480 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(167, 186, 202)` looks like.

```
.text, #text, p{  
    color:rgb(167, 186, 202)  
}
```

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(167, 186, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 186, 202) }
```

Border

The CSS property to change the border of an element to YIQ 182.1430, -16.4600, 0.9480 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(167, 186, 202) }
```


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

```
.border{ border-color:rgb(167, 186, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 186, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 186, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 186, 202);  
box-shadow:4px 4px 4px 4px rgb(167, 186,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 182.1430, -16.4600, 0.9480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 186, 202) }
```

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

```
.background{ background-color: rgb(167,  
186, 202) }
```

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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