

Converting Colors

YIQ(181.6730, 4.6340, -17.9100)

Have a look what the booklet for
YIQ(181.6730, 4.6340, -17.9100)
contains.

YIQ(181.6730, 4.6340, -17.9100)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(181.6730, 4.6340,
-17.9100)**

Conversions

Conversions Part 1

Format	Color
Hex	AFC092
RGB	175, 192, 146
RGB Percent	69%, 75%, 57%
CMY	0.3138, 0.2470, 0.4274
CMYK	0.09, 0.00, 0.24, 0.25
HSL	82°, 27%, 66%
HSV	82°, 24%, 75%
XYZ	41.7158, 48.8900, 34.4378
YIQ	181.6730, 4.6340, -17.9100

Conversions

Conversions Part 2

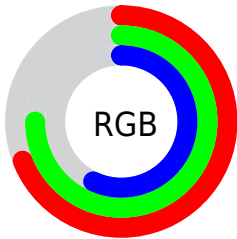
Format	Color
RYB	146, 192, 163
Decimal	11518098
CIELab	75.38, -13.91, 21.29
CIELCh	75, 25.434, 123.167
Yxy	48.8900, 0.3336, 0.3910
Android (android.graphics.Color)	4289708178 (0xFFAFC092)
YUV	181.6730, -17.5868, -5.8522
Hunter-Lab	69.9214, -15.8676, 19.7434

Details

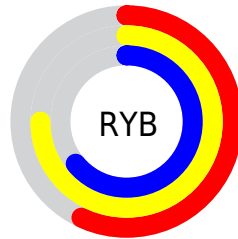
The YIQ color $181.6730, 4.6340, -17.9100$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $156.3270, -4.6340, 17.9100$, and the grayscale version is $182.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $237.4450, 5.2760, -18.5320$, and $128.9010, 3.9920, -17.2880$ is the 20% darker color. If you saturate the color by 10%, you get $177.4140, 6.5610, -25.3030$, and if you desaturate by 10%, it is $185.9320, 2.7070, -10.5170$.

Distribution



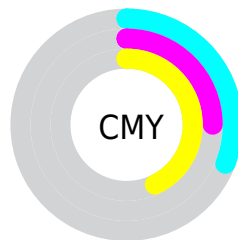
- Red (69%)
- Green (75%)
- Blue (57%)



- Red (57%)
- Yellow (75%)
- Blue (64%)



- Cyan (9%)
- Magenta (0%)
- Yellow (24%)
- Black (25%)




- Cyan (31%)
- Magenta (25%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 181.6730, 4.6340, -17.9100 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 181.6730, 4.6340, -17.9100 by changing the saturation by 10% instead.


 181.6730, 4.6340,
-17.9100

 181.6730, 4.6340,
-17.9100

255.0000, -0.0000,
-0.0000


 154.7870, 4.3130,
-17.5990


 237.4450, 5.2760,
-18.5320


 128.9010, 3.9920,
-17.2880


 251.9220, 8.6670,
-8.3970

 103.4280, 3.9460,
-16.4540

 79.5420, 3.6250,
-16.1430

 55.8840, 2.6620,
-15.2100

 33.8410, 4.2210,
-15.9310

 14.0880, -6.6000,

-12.5520

■ 0.0000, 0.0000,
0.0000

■ 181.6730, 4.6340,
-17.9100

■ 181.6730, 4.6340,
-17.9100

■ 177.4140, 6.5610,
-25.3030

■ 185.9320, 2.7070,
-10.5170

■ 173.1550, 8.4880,
-32.6960

■ 190.1910, 0.7800,
-3.1240

■ 168.7820, 10.7360,
-40.4000

■ 194.5640, -1.4680,
4.5800

■ 164.5230, 12.6630,
-47.7930

■ 198.8230, -3.3950,
11.9730

■ 159.9650, 13.9940,
-55.3980

■ 203.3810, -4.7260,
19.5780

■ 155.7060, 15.9210,
-62.7910

■ 206.9560, -4.7270,
25.1050

■ 151.4470, 17.8480,
-70.1840

■ 209.0490, -0.5550,
26.5890

■ 148.8830, 19.3160,
-74.7640

■ 211.1420, 3.6170,
28.0730

■ 213.2350, 7.7890,
29.5570

Harmonies

Analogous

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



184.5400, 24.3020, -10.9140



181.6730, 4.6340, -17.9100



178.5870, -18.6110, -20.6510

Triad

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



181.6730, 4.6340, -17.9100



179.2240, -47.5450, -2.8810



189.5470, 32.7330, 18.0210

Complementary

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



181.6730, 4.6340, -17.9100



156.3270, -4.6340, 17.9100

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.



189.7440, 16.1810, 20.6370



181.6730, 4.6340, -17.9100



184.3560, -29.9410, 8.4830

Square

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



181.6730, 4.6340, -17.9100



175.4480, -51.5320, -13.2280



188.4300, -6.4220, 17.2740



188.0990, 39.5660, 9.8220

Rectangle

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



181.6730, 4.6340, -17.9100



176.6870, -33.5120, -20.4240



188.4300, -6.4220, 17.2740



189.5620, 28.3770, 19.8730

Sweetspot

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



181.6730, 4.6340, -17.9100



245.8550, 1.6060, -7.0820



169.7330, 22.7410, 0.8610



122.6640, 0.8260, -3.9580



252.0000, 0.0000, 0.0000



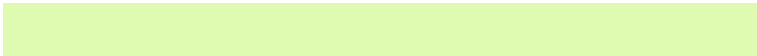
125.0000, 0.0000, 0.0000

Same Dimension

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



181.6730, 4.6340, -17.9100



233.6050, 7.3410, -28.4270



174.7960, -9.0740, -22.7860



94.6640, 0.8260, -3.9580



124.7060, 15.9210, -62.7910



25.6500, 3.4410, -12.8070

Inverse Universe

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



156.3270, -4.6340, 17.9100



193.3950, -7.3410, 28.4270



163.2040, 9.0740, 22.7860



89.3360, -0.8260, 3.9580



35.9950, -16.5170, 62.5790



7.3500, -3.4410, 12.8070

Previews

White Background



This preview shows how the YIQ color 181.6730, 4.6340, -17.9100 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 181.6730, 4.6340, -17.9100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

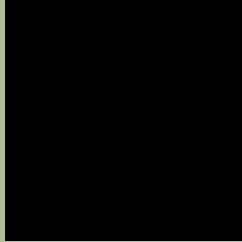
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 181.6730, 4.6340, -17.9100

Background



This preview shows how black text looks on a background with the YIQ color 181.6730, 4.6340, -17.9100.



This preview shows how white text looks on a background with the YIQ color 181.6730, 4.6340,

-17.9100.

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

181.6730, 4.6340, -17.9100

Protanopia

184.0990, 21.2300, -10.3060

Deuteranopia

186.0560, 31.9570, -0.9630



Tritanopia

186.1120, -6.0070, 4.2410

Trichromacy



Original Color

181.6730, 4.6340, -17.9100

Protanomaly

183.5820, 15.3160, -13.2600

Deuteranomaly

184.3920, 21.9630, -7.0690

Tritanomaly

184.6960, -2.2000, -4.1840

Monochromacy



Original Color

181.6730, 4.6340, -17.9100

Achromatopsia

182.0000, -0.0000, -0.0000

Achromatomaly

181.9690, 1.2850, -6.7710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.6730, 4.6340, -17.9100 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(175, 192, 146)` looks like.

```
.text, #text, p{  
    color:rgb(175, 192, 146)  
}
```

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(175, 192, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 192, 146) }
```

Border

The CSS property to change the border of an element to YIQ 181.6730, 4.6340, -17.9100 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(175, 192, 146) }
```


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

```
.border{ border-color:rgb(175, 192, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 192, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 192, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 192, 146);  
box-shadow:4px 4px 4px 4px rgb(175, 192,  
146) }
```

Background

The CSS property to change the background color of an element to YIQ 181.6730, 4.6340, -17.9100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 192, 146) }
```

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

```
.background{ background-color: rgb(175,  
192, 146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor