

Converting Colors

YIQ(176.5900, 11.6970,
-30.2790)

Have a look what the booklet for
YIQ(176.5900, 11.6970, -30.2790)
contains.

YIQ(176.5900, 11.6970, -30.2790)	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(176.5900, 11.6970,
-30.2790)**

Conversions

Conversions Part 1

Format	Color
Hex	A9C170
RGB	169, 193, 112
RGB Percent	66%, 76%, 44%
CMY	0.3374, 0.2431, 0.5607
CMYK	0.12, 0.00, 0.42, 0.24
HSL	78°, 40%, 60%
HSV	78°, 42%, 76%
XYZ	38.3546, 47.7467, 22.5319
YIQ	176.5900, 11.6970, -30.2790

Conversions

Conversions Part 2

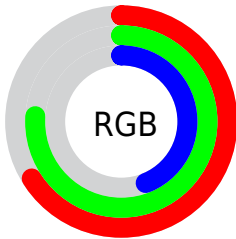
Format	Color
RYB	112, 193, 136
Decimal	11125104
CIELab	74.66, -21.31, 38.02
CIELCh	75, 43.587, 119.272
Yxy	47.7467, 0.3531, 0.4395
Android (android.graphics.Color)	4289315184 (0xFFA9C170)
YUV	176.5900, -31.8429, -6.6564
Hunter-Lab	69.0990, -21.8437, 29.0360

Details

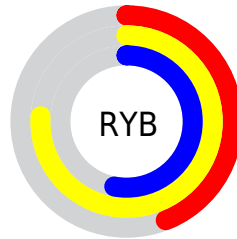
The YIQ color $176.5900, 11.6970, -30.2790$ is a light color, and the websafe version is hex $99CC66$. A complement of this color would be $128.4100, -11.6970, 30.2790$, and the grayscale version is $177.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $232.2480, 12.6600, -31.2120$, and $123.0460, 10.4130, -29.0350$ is the 20% darker color. If you saturate the color by 10%, you get $172.6300, 14.2200, -37.4600$, and if you desaturate by 10%, it is $180.5500, 9.1740, -23.0980$.

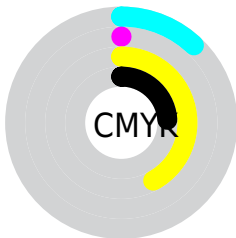
Distribution



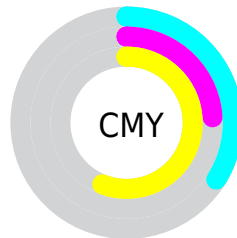
- Red (66%)
- Green (76%)
- Blue (44%)



- Red (44%)
- Yellow (76%)
- Blue (53%)



- Cyan (12%)
- Magenta (0%)
- Yellow (42%)
- Black (24%)



- Cyan (34%)
- Magenta (24%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.5900, 11.6970, -30.2790 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 176.5900, 11.6970, -30.2790 by changing the saturation by 10% instead.

■ 176.5900, 11.6970,
-30.2790

■ 176.5900, 11.6970,
-30.2790

255.0000, -0.0000,
-0.0000

■ 149.8180, 11.0550,
-29.6570

■ 232.8350, 12.3850,
-31.7350

■ 123.0460, 10.4130,
-29.0350

■ 247.5190, 19.6270,
-19.8050

■ 98.1600, 10.0920,
-28.7240

■ 251.1240, 10.9140,
-10.5740

■ 73.0460, 10.4130,
-29.0350

■ 254.3160, 1.9260,
-1.8660

■ 51.0010, 6.2860,
-25.8260

■ 30.0250, -2.2890,
-19.0970

■ 14.6750, -6.8750,

-13.0750

■ 0.0000, 0.0000,
0.0000

■ 176.5900, 11.6970,
-30.2790

■ 176.5900, 11.6970,
-30.2790

■ 172.6300, 14.2200,
-37.4600

■ 180.5500, 9.1740,
-23.0980

■ 168.8550, 17.6600,
-44.7400

■ 184.3250, 5.7340,
-15.8180

■ 164.8950, 20.1830,
-51.9210


■ 188.2850, 3.2110,
-8.6370


■ 160.9350, 22.7060,
-59.1020


■ 192.2450, 0.6880,
-1.4560


■ 156.9750, 25.2290,
-66.2830


■ 196.3190, -2.1560,
6.0360

 153.9550, 27.9810,
-72.1070

 199.9800, -5.2750,
13.0050

 203.9400, -7.7980,
20.1860

 206.6460, -6.7900,
23.9460

 208.4400, -3.2140,
25.2180

Harmonies

Analogous

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



180.6650, 42.6430, -18.4210



176.5900, 11.6970, -30.2790



169.9410, -29.0160, -35.8320

Triad

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



176.5900, 11.6970, -30.2790



150.6240, -125.4850, -22.1010



186.6730, 50.4740, 32.4100

Complementary

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



176.5900, 11.6970, -30.2790



128.4100, -11.6970, 30.2790

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.



189.2370, 22.6430, 35.6910



176.5900, 11.6970, -30.2790



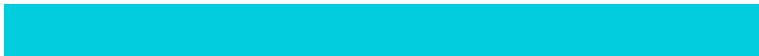
175.3060, -62.0350, 6.4210

Square

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



176.5900, 11.6970, -30.2790



145.0560, -127.3620, -37.6500



186.7080, -18.5280, 27.4240



183.9880, 62.1680, 18.7120

Rectangle

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



176.5900, 11.6970, -30.2790



163.3040, -60.8350, -37.3710



186.7080, -18.5280, 27.4240



187.9590, 43.9170, 35.6050

Sweetspot

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



176.5900, 11.6970, -30.2790



243.2480, 4.6330, -12.3830



149.7200, 41.9510, 5.1430



120.9260, 2.8440, -7.4920



252.0000, 0.0000, 0.0000



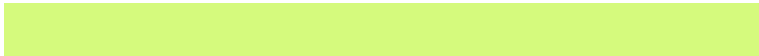
125.0000, 0.0000, 0.0000

Same Dimension

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



176.5900, 11.6970, -30.2790



224.6870, 18.0730, -46.7190



164.9290, -11.5470, -38.5470



94.9630, 1.4220, -3.7460



128.2940, 23.0730, -60.2470



26.2480, 4.6330, -12.3830

Inverse Universe

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



128.4100, -11.6970, 30.2790



150.3130, -18.0730, 46.7190



140.0710, 11.5470, 38.5470



89.0370, -1.4220, 3.7460



32.7060, -23.0730, 60.2470



6.7520, -4.6330, 12.3830

Previews

White Background



This preview shows how the YIQ color 176.5900, 11.6970, -30.2790 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 176.5900, 11.6970, -30.2790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

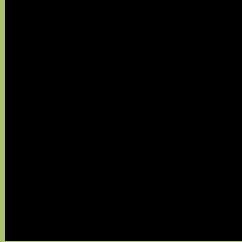
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 176.5900, 11.6970, -30.2790

Background



This preview shows how black text looks on a background with the YIQ color 176.5900, 11.6970, -30.2790.



This preview shows how white text looks on a background with the YIQ color 176.5900, 11.6970,

-30.2790.

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

176.5900, 11.6970, -30.2790

Protanopia

179.8320, 34.8030, -19.5090

Deuteranopia

182.0280, 46.3550, -8.5970



Tritanopia

183.6990, -6.2820, 3.7180

Trichromacy



Original Color

176.5900, 11.6970, -30.2790

Protanomaly

178.7060, 26.2300, -23.8340

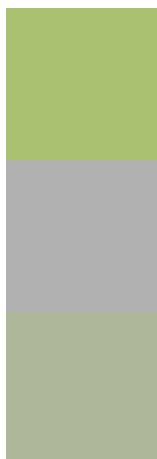
Deuteranomaly

180.3420, 33.4270, -16.5970

Tritanomaly

181.3170, 0.1850, -8.8630

Monochromacy



Original Color

176.5900, 11.6970, -30.2790

Achromatopsia

177.0000, -0.0000, 0.0000

Achromatomaly

176.8890, 4.2660, -11.2380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.5900, 11.6970, -30.2790 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(169, 193, 112)` looks like.

```
.text, #text, p{  
    color:rgb(169, 193, 112)  
}
```

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(169, 193, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 193, 112) }
```

Border

The CSS property to change the border of an element to YIQ 176.5900, 11.6970, -30.2790 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(169, 193, 112) }
```


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

```
.border{ border-color:rgb(169, 193, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 193, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 193, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 193, 112);  
box-shadow:4px 4px 4px 4px rgb(169, 193,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 176.5900, 11.6970, -30.2790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 193, 112) }
```

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

```
.background{ background-color: rgb(169,  
193, 112) }
```

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