

Converting Colors

YIQ(147.7080, 34.1980, 30.0220)

Have a look what the booklet for
YIQ(147.7080, 34.1980, 30.0220)
contains.

YIQ(147.7080, 34.1980, 30.0220)	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(147.7080, 34.1980,
30.0220)**

Conversions

Conversions Part 1

Format	Color
Hex	C777A1
RGB	199, 119, 161
RGB Percent	78%, 47%, 63%
CMY	0.2194, 0.5334, 0.3685
CMYK	0.00, 0.40, 0.19, 0.22
HSL	328°, 42%, 62%
HSV	328°, 40%, 78%
XYZ	36.5960, 27.9095, 37.1886
YIQ	147.7080, 34.1980, 30.0220

Conversions

Conversions Part 2

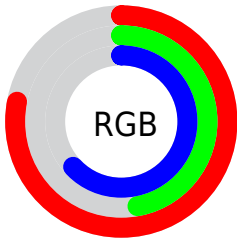
Format	Color
RYB	199, 119, 161
Decimal	13072289
CIELab	59.81, 37.00, -9.10
CIElCh	60, 38.098, 346.180
Yxy	27.9095, 0.3599, 0.2744
Android (android.graphics.Color)	4291262369 (0xFFC777A1)
YUV	147.7080, 6.5530, 44.9831
Hunter-Lab	52.8294, 31.1991, -4.7559

Details

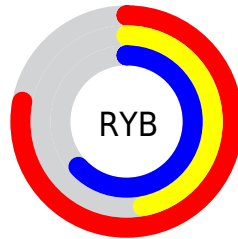
The YIQ color **147.7080, 34.1980, 30.0220** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **170.2920, -34.1980, -30.0220**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **202.4200, 35.0690, 30.7570**, and **95.0990, 31.5390, 28.6510** is the 20% darker color. If you saturate the color by 10%, you get **134.9420, 42.5870, 37.6830**, and if you desaturate by 10%, it is **160.4740, 25.8090, 22.3610**.

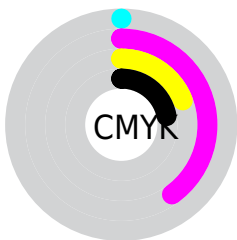
Distribution



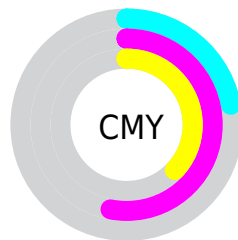
- Red (78%)
- Green (47%)
- Blue (63%)



- Red (78%)
- Yellow (47%)
- Blue (63%)



- Cyan (0%)
- Magenta (40%)
- Yellow (19%)
- Black (22%)





- Cyan (22%)
- Magenta (53%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 147.7080, 34.1980, 30.0220 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 147.7080, 34.1980, 30.0220 by changing the saturation by 10% instead.


 147.7080, 34.1980,
30.0220


 147.7080, 34.1980,
30.0220


255.0000, -0.0000,
-0.0000

 121.1100, 33.0060,
29.5980


 202.4200, 35.0690,
30.7570


 95.0990, 31.5390,
28.6510


 221.4610, 18.6560,
25.3440

 69.9140, 30.6220,
28.7500

 239.7380, 7.1500,
13.5980

 43.9570, 29.0630,
29.4710

 23.9950, 25.9000,
26.2200

 15.4360, 19.8040,
15.5480

 0.0000, 0.0000,

0.0000

■ 147.7080, 34.1980,
30.0220

■ 147.7080, 34.1980,
30.0220

■ 134.9420, 42.5870,
37.6830

■ 160.4740, 25.8090,
22.3610

■ 122.0620, 51.2970,
45.0330

■ 173.3540, 17.0990,
15.0110

■ 109.2960, 59.6860,
52.6940

■ 186.1200, 8.7100,
7.3500

■ 96.4160, 68.3960,
60.0440

■ 199.0000, -0.0000,
0.0000

■ 83.6500, 76.7850,
67.7050

■ 211.1790, -8.1140,
-7.1380

■ 71.4710, 84.8990,
74.8430

■ 224.0590,
-16.8240, -14.4880

■ 235.0640,
-24.3880, -20.5800

■ 236.2040,
-27.5980, -17.4700

■ 237.2300,
-30.4870, -14.6710

Harmonies

Analogous

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



148.3270, 4.5340, 27.9740



147.7080, 34.1980, 30.0220



146.2350, 51.3470, 22.0910

Triad

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



147.7080, 34.1980, 30.0220



139.7210, 21.8740, -21.9820



115.1070, -105.0360, -23.7560

Complementary

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



147.7080, 34.1980, 30.0220



170.2920, -34.1980, -30.0220

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.



113.5620, -96.5520, -34.3440



147.7080, 34.1980, 30.0220



135.1070, -8.7520, -28.6240

Square

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



147.7080, 34.1980, 30.0220



142.9460, 43.6500, -9.1340



127.5230, -48.0900, -31.5620



130.0930, -74.9170, -2.4130

Rectangle

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



147.7080, 34.1980, 30.0220



144.9930, 54.6040, 12.6200



127.5230, -48.0900, -31.5620



114.7820, -102.7430, -26.7670

Sweetspot

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



147.7080, 34.1980, 30.0220



235.0930, 13.3400, 11.5480



139.1830, -3.6280, 32.7240



116.4080, 7.8390, 6.6150



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.



147.7080, 34.1980, 30.0220



176.7740, 52.1680, 45.7680



143.2620, 46.7170, 17.8930



93.2610, 3.7590, 3.4630



58.5410, 69.5420, 61.3020



12.9300, 15.3570, 13.5410

Inverse Universe

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



147.7080, 34.1980, 30.0220



176.7740, 52.1680, 45.7680



174.7380, -46.7170, -17.8930



93.2610, 3.7590, 3.4630



58.5410, 69.5420, 61.3020



12.9300, 15.3570, 13.5410

Previews

White Background



This preview shows how the YIQ color 147.7080, 34.1980, 30.0220 looks on a white background.

Color Contrast Check

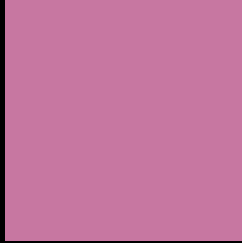
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.7080, 34.1980, 30.0220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

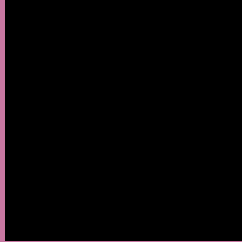
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 147.7080, 34.1980, 30.0220

Background



This preview shows how black text looks on a background with the YIQ color 147.7080, 34.1980, 30.0220.



This preview shows how white text looks on a background with the YIQ color 147.7080, 34.1980,

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

147.7080, 34.1980, 30.0220

Protanopia

145.0820, -14.4900, 9.3020

Deuteranopia

145.8250, 2.2910, 8.0430



Tritanopia

146.5540, 40.0230, 18.0630

Trichromacy



Original Color

147.7080, 34.1980, 30.0220

Protanomaly

145.9920, 3.6190, 17.0190

Deuteranomaly

146.3260, 14.3020, 16.1420

Tritanomaly

146.8190, 37.9590, 22.4310

Monochromacy



Original Color

147.7080, 34.1980, 30.0220

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

147.7940, 12.7440, 11.3360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.7080, 34.1980, 30.0220 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(199, 119, 161)` looks like.

```
.text, #text, p{  
    color:rgb(199, 119, 161)  
}
```

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(199, 119, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 119, 161) }
```

Border

The CSS property to change the border of an element to YIQ 147.7080, 34.1980, 30.0220 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(199, 119, 161) }
```


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

```
.border{ border-color:rgb(199, 119, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 119, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 119, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 119, 161);  
box-shadow:4px 4px 4px 4px rgb(199, 119,  
161) }
```

Background

The CSS property to change the background color of an element to YIQ 147.7080, 34.1980, 30.0220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 119, 161) }
```

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

```
.background{ background-color: rgb(199,  
119, 161) }
```

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