

Converting Colors

YIQ(190.1070, 1.5570, 10.3330)

Have a look what the booklet for
YIQ(190.1070, 1.5570, 10.3330)
contains.

YIQ(190.1070, 1.5570, 10.3330)	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(190.1070, 1.5570,
10.3330)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B7CE
RGB	198, 183, 206
RGB Percent	78%, 72%, 81%
CMY	0.2235, 0.2824, 0.1922
CMYK	0.04, 0.11, 0.00, 0.19
HSL	279°, 19%, 76%
HSV	279°, 11%, 81%
XYZ	51.3645, 50.3280, 65.3977
YIQ	190.1070, 1.5570, 10.3330

Conversions

Conversions Part 2

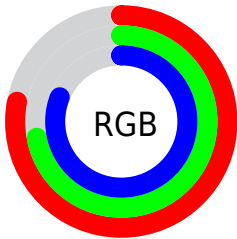
Format	Color
R_{YB}	198, 183, 206
Decimal	13023182
CIE Lab	76.27, 9.55, -9.66
CIE LCh	76, 13.583, 314.676
Yxy	50.3280, 0.3074, 0.3012
Android (android.graphics.Color)	4291213262 (0xFFC6B7CE)
YUV	190.1070, 7.8352, 6.9222
Hunter-Lab	70.9422, 5.0909, -4.9966

Details

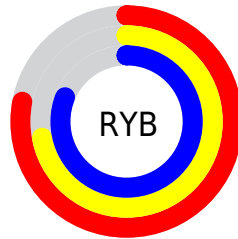
The YIQ color $190.1070, 1.5570, 10.3330$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $198.8930, -1.5570, -10.3330$, and the grayscale version is $190.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $245.6080, 4.4000, 8.3680$, and $136.6940, 1.2820, 9.8100$ is the 20% darker color. If you saturate the color by 10%, you get $175.6870, 3.1600, 19.8320$, and if you desaturate by 10%, it is $204.5270, -0.0460, 0.8340$.

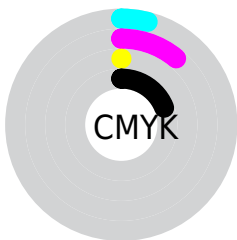
Distribution



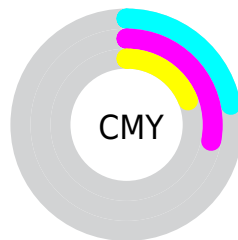
- Red (78%)
- Green (72%)
- Blue (81%)



- Red (78%)
- Yellow (72%)
- Blue (81%)



- Cyan (4%)
- Magenta (11%)
- Yellow (0%)
- Black (19%)



- Cyan (22%)
- Magenta (28%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 190.1070, 1.5570, 10.3330 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 190.1070, 1.5570, 10.3330 by changing the saturation by 10% instead.

■ 190.1070, 1.5570,
10.3330

■ 190.1070, 1.5570,
10.3330

255.0000, -0.0000,
-0.0000

■ 162.9930, 1.8780,
10.0220

■ 245.6080, 4.4000,
8.3680

■ 136.6940, 1.2820,
9.8100

■ 111.2810, 1.0070,
9.2870

■ 87.1670, 1.3280,
8.9760

■ 63.7540, 1.0530,
8.4530

■ 41.3410, 0.7780,
7.9300

■ 21.2270, 1.0990,

7.6190

■ 0.9120, -2.5680,
2.4880

■ 0.0000, 0.0000,
0.0000

■ 190.1070, 1.5570,
10.3330

■ 190.1070, 1.5570,
10.3330

■ 175.6870, 3.1600,
19.8320

■ 204.5270, -0.0460,
0.8340

■ 161.8540, 4.4880,
28.8080

■ 218.3600, -1.3740,
-8.1420

■ 147.4340, 6.0910,
38.3070

■ 232.7800, -2.9770,
-17.6410

■ 133.3020, 6.8230,
47.0710

■ 241.0420, -0.9590,
-21.1750

■ 118.8820, 8.4260,
56.5700

■ 243.1350, 3.2130,
-19.6910

■ 104.4620, 10.0290,
66.0690

■ 245.2280, 7.3850,
-18.2070

■ 90.6290, 11.3570,
75.0450

■ 247.3210, 11.5570,
-16.7230

■ 76.2090, 12.9600,
84.5440

■ 249.4140, 15.7290,
-15.2390

■ 63.5500, 13.7380,
92.4740

Harmonies

Analogous

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



188.3550, -11.0050, 6.7150



190.1070, 1.5570, 10.3330



190.6800, 13.0650, 11.0250

Triad

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



190.1070, 1.5570, 10.3330



188.5860, 18.6610, -2.2910



184.1110, -22.6020, -8.8900

Complementary

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



190.1070, 1.5570, 10.3330



198.8930, -1.5570, -10.3330

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.



184.1350, -13.9820, -10.9260



190.1070, 1.5570, 10.3330



187.0470, 9.8130, -7.1390

Square

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



190.1070, 1.5570, 10.3330



189.4280, 22.2820, 3.6740



185.5940, -2.1530, -10.5450



184.4900, -24.9870, -4.2110

Rectangle

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



190.1070, 1.5570, 10.3330



190.9640, 18.0170, 9.3850



185.5940, -2.1530, -10.5450



184.2530, -20.1260, -9.7100

Sweetspot

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



190.1070, 1.5570, 10.3330



249.4070, 0.4120, 3.5480



190.3180, -9.5830, 2.9690



123.8800, 0.4580, 2.7140



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.



190.1070, 1.5570, 10.3330



232.0410, 1.9230, 14.7150



192.1570, 7.2880, 11.0960



94.9340, 0.3660, 4.3820



51.2160, 11.0820, 74.5220



11.8070, 2.7020, 17.1180

Inverse Universe

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



190.7890, 11.1400, 7.3640



233.1210, 16.1370, 10.4170



196.8430, -7.2880, -11.0960



95.3320, 4.9970, 3.0530



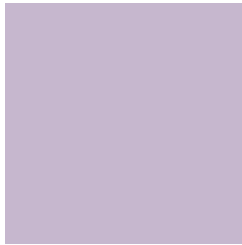
56.2460, 80.3180, 53.2300



12.8440, 18.4750, 12.0990

Previews

White Background



This preview shows how the YIQ color 190.1070, 1.5570, 10.3330 looks on a white background.

Color Contrast Check

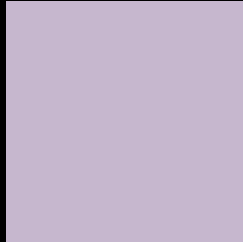
Large Text (above 18pt) WCAG AA × Fail

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 190.1070, 1.5570, 10.3330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

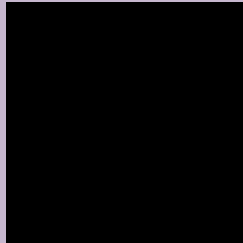
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 190.1070, 1.5570, 10.3330

Background



This preview shows how black text looks on a background with the YIQ color 190.1070, 1.5570, 10.3330.



This preview shows how white text looks on a background with the YIQ color 190.1070, 1.5570,

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

190.1070, 1.5570, 10.3330

Protanopia

189.0950, -7.3370, 6.3190

Deuteranopia

190.1070, 1.5570, 10.3330



Tritanopia

189.5970, 2.9330, 7.4210

Trichromacy



Original Color

190.1070, 1.5570, 10.3330

Protanomaly

189.5900, -4.3570, 7.3790

Deuteranomaly

190.1070, 1.5570, 10.3330

Tritanomaly

189.9390, 1.9700, 8.3540

Monochromacy



Original Color

190.1070, 1.5570, 10.3330

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

189.8200, 0.6870, 4.0710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.1070, 1.5570, 10.3330 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(198, 183, 206)` looks like.

```
.text, #text, p{  
    color:rgb(198, 183, 206)  
}
```

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(198, 183, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 183, 206) }
```

Border

The CSS property to change the border of an element to YIQ 190.1070, 1.5570, 10.3330 is called "border". The border property can be set on classes, ids or directly on the HTML element.

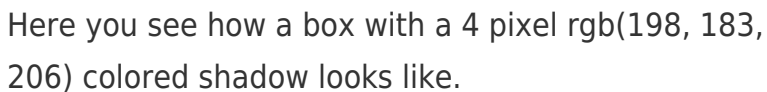
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 183, 206) }
```


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

```
.border{ border-color:rgb(198, 183, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 183, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 183, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 183, 206);  
box-shadow:4px 4px 4px 4px rgb(198, 183,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 190.1070, 1.5570, 10.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 183, 206) }
```

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

```
.background{ background-color: rgb(198,  
183, 206) }
```

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