

Converting Colors

YIQ(179.4700, 5.2690, 20.1570)

Have a look what the booklet for
YIQ(179.4700, 5.2690, 20.1570)
contains.

YIQ(179.4700, 5.2690, 20.1570)	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(179.4700, 5.2690,
20.1570)**

Conversions

Conversions Part 1

Format	Color
Hex	C5A5D0
RGB	197, 165, 208
RGB Percent	77%, 65%, 82%
CMY	0.2273, 0.3530, 0.1843
CMYK	0.05, 0.21, 0.00, 0.18
HSL	285°, 31%, 73%
HSV	285°, 21%, 82%
XYZ	47.8703, 43.3332, 65.5136
YIQ	179.4700, 5.2690, 20.1570

Conversions

Conversions Part 2

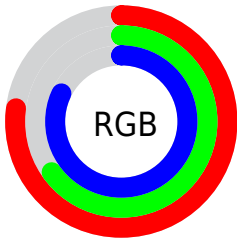
Format	Color
RYB	197, 165, 208
Decimal	12953040
CIELab	71.78, 19.45, -17.50
CIELCh	72, 26.162, 318.021
Yxy	43.3332, 0.3055, 0.2765
Android (android.graphics.Color)	4291143120 (0xFFC5A5D0)
YUV	179.4700, 14.0653, 15.3738
Hunter-Lab	65.8280, 14.6069, -12.9272

Details

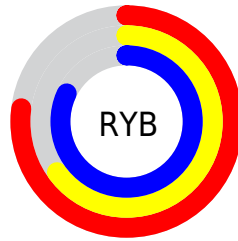
The YIQ color $179.4700, 5.2690, 20.1570$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $193.5300, -5.2690, -20.1570$, and the grayscale version is $179.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $234.1560, 9.0290, 18.0930$, and $126.6440, 4.7190, 19.1110$ is the 20% darker color. If you saturate the color by 10%, you get $165.6480, 8.0640, 30.0800$, and if you desaturate by 10%, it is $193.2920, 2.4740, 10.2340$.

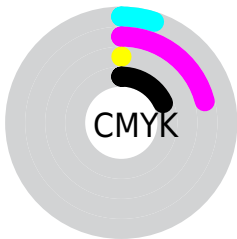
Distribution



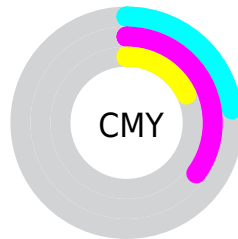
- Red (77%)
- Green (65%)
- Blue (82%)



- Red (77%)
- Yellow (65%)
- Blue (82%)



- Cyan (5%)
- Magenta (21%)
- Yellow (0%)
- Black (18%)



- Cyan (23%)
- Magenta (35%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.4700, 5.2690, 20.1570 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 179.4700, 5.2690, 20.1570 by changing the saturation by 10% instead.

 179.4700, 5.2690,
20.1570


 179.4700, 5.2690,
20.1570


255.0000, -0.0000,
-0.0000


 152.9430, 5.3150,
19.3230

 234.1560, 9.0290,
18.0930


 126.6440, 4.7190,
19.1110

 251.4780, 1.6500,
3.1380

 101.2310, 4.4440,
18.5880

 77.2910, 4.2150,
17.2310

 53.8780, 3.9400,
16.7080

 32.0520, 3.3900,
15.6620

 11.9490, 5.1780,

16.2980

■ 0.9120, -2.5680,
2.4880

■ 0.0000, 0.0000,
0.0000

■ 179.4700, 5.2690,
20.1570

■ 179.4700, 5.2690,
20.1570

■ 165.6480, 8.0640,
30.0800

■ 193.2920, 2.4740,
10.2340

■ 151.5270, 10.2630,
39.7910

■ 207.4130, 0.2750,
0.5230

■ 138.2920, 12.7830,
49.1910

■ 220.6480, -2.2450,
-8.8770

■ 124.4700, 15.5780,
59.1140

■ 234.4700, -5.0400,
-18.8000

■ 110.6480, 18.3730,
69.0370

■ 240.3730, -3.3890,
-21.1890

■ 96.5270, 20.5720,
78.7480

■ 241.8680, -0.4090,
-20.1290

■ 82.7050, 23.3670,
88.6710

■ 243.3630, 2.5710,
-19.0690

■ 70.0570, 25.6120,
97.5480

■ 244.8580, 5.5510,
-18.0090

■ 246.6520, 9.1270,
-16.7370

Harmonies

Analogous

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



176.6780, -18.9840, 13.6560



179.4700, 5.2690, 20.1570



179.4200, 25.9010, 20.6930

Triad

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



179.4700, 5.2690, 20.1570



175.5950, 31.6370, -6.1790



164.5960, -49.1930, -17.0730

Complementary

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



179.4700, 5.2690, 20.1570



193.5300, -5.2690, -20.1570

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.



167.1280, -30.4400, -21.0320



179.4700, 5.2690, 20.1570



173.1150, 15.1330, -15.4510

Square

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



179.4700, 5.2690, 20.1570



177.8230, 40.1630, 4.5070



170.0460, -6.7820, -20.2700



166.4140, -54.1920, -9.0720

Rectangle

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



179.4700, 5.2690, 20.1570



179.1020, 35.4840, 17.7240



170.0460, -6.7820, -20.2700



164.8800, -44.2410, -18.7130

Sweetspot

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



179.4700, 5.2690, 20.1570



244.9990, 1.7410, 6.9970



176.3590, -16.8280, 7.6200



121.8200, 0.6870, 4.0710



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.



179.4700, 5.2690, 20.1570



212.6480, 8.0640, 30.0800



181.6190, 15.0350, 19.3790



97.6460, 1.2370, 5.1170



56.5270, 20.5720, 78.7480



13.6440, 4.7190, 19.1110

Inverse Universe

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



179.1110, 22.0970, 12.5370



212.0740, 32.6870, 18.8550



191.3810, -15.0350, -19.3790



97.6310, 5.5930, 3.2650



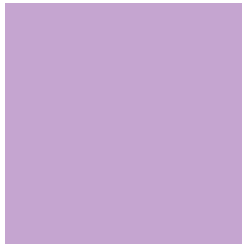
55.1340, 86.3250, 48.9890



13.3990, 21.2260, 11.8020

Previews

White Background



This preview shows how the YIQ color 179.4700, 5.2690, 20.1570 looks on a white background.

Color Contrast Check

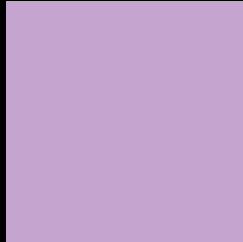
Large Text (above 18pt) WCAG AA × Fail

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 179.4700, 5.2690, 20.1570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

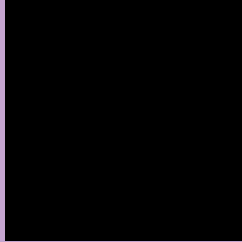
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 179.4700, 5.2690, 20.1570

Background



This preview shows how black text looks on a background with the YIQ color 179.4700, 5.2690, 20.1570.



This preview shows how white text looks on a background with the YIQ color 179.4700, 5.2690,

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

179.4700, 5.2690, 20.1570

Protanopia

176.4670, -17.0120, 10.9560

Deuteranopia

177.7840, -7.6590, 12.1570



Tritanopia

177.7720, 9.8100, 9.4420

Trichromacy



Original Color

179.4700, 5.2690, 20.1570

Protanomaly

177.7670, -8.9890, 14.2350

Deuteranomaly

178.1160, -2.6620, 15.2100

Tritanomaly

178.5100, 7.7920, 12.9760

Monochromacy



Original Color

179.4700, 5.2690, 20.1570

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

179.4120, 2.0160, 7.5200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.4700, 5.2690, 20.1570 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(197, 165, 208)` looks like.

```
.text, #text, p{  
    color:rgb(197, 165, 208)  
}
```

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(197, 165, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 165, 208) }
```

Border

The CSS property to change the border of an element to YIQ 179.4700, 5.2690, 20.1570 is called "border". The border property can be set on classes, ids or directly on the HTML element.

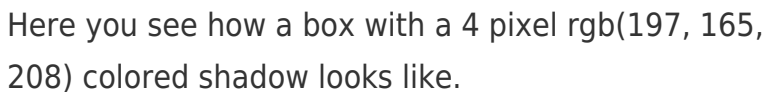
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 165, 208) }
```


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

```
.border{ border-color:rgb(197, 165, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 165, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 165, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 165, 208);  
box-shadow:4px 4px 4px 4px rgb(197, 165,  
208) }
```

Background

The CSS property to change the background color of an element to YIQ 179.4700, 5.2690, 20.1570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 165, 208) }
```

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

```
.background{ background-color: rgb(197,  
165, 208) }
```

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