

Converting Colors

YIQ(177.0850, 7.7910, 18.5030)

Have a look what the booklet for
YIQ(177.0850, 7.7910, 18.5030)
contains.

YIQ(177.0850, 7.7910, 18.5030)	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(177.0850, 7.7910,
18.5030)**

Conversions

Conversions Part 1

Format	Color
Hex	C4A3C8
RGB	196, 163, 200
RGB Percent	77%, 64%, 78%
CMY	0.2313, 0.3608, 0.2157
CMYK	0.02, 0.19, 0.00, 0.22
HSL	294°, 25%, 71%
HSV	294°, 19%, 78%
XYZ	46.2918, 42.0989, 60.3300
YIQ	177.0850, 7.7910, 18.5030

Conversions

Conversions Part 2

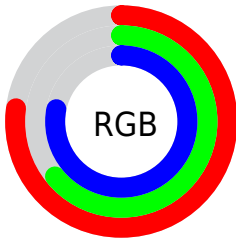
Format	Color
RYB	196, 163, 200
Decimal	12886984
CIELab	70.94, 18.65, -14.37
CIELCh	71, 23.550, 322.385
Yxy	42.0989, 0.3113, 0.2831
Android (android.graphics.Color)	4291077064 (0xFFC4A3C8)
YUV	177.0850, 11.2971, 16.5885
Hunter-Lab	64.8837, 13.8060, -9.7103

Details

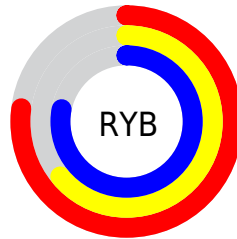
The YIQ color $177.0850, 7.7910, 18.5030$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $185.9150, -7.7910, -18.5030$, and the grayscale version is $177.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $232.6830, 8.9830, 18.9270$, and $124.2590, 7.2410, 17.4570$ is the 20% darker color. If you saturate the color by 10%, you get $164.7470, 12.0990, 28.5390$, and if you desaturate by 10%, it is $189.4230, 3.4830, 8.4670$.

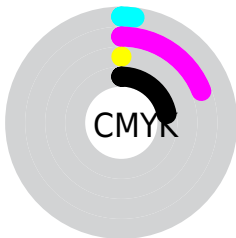
Distribution



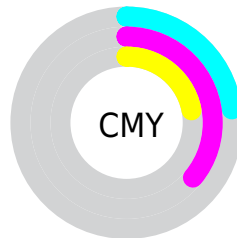
- Red (77%)
- Green (64%)
- Blue (78%)



- Red (77%)
- Yellow (64%)
- Blue (78%)



- Cyan (2%)
- Magenta (19%)
- Yellow (0%)
- Black (22%)



- Cyan (23%)
- Magenta (36%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 177.0850, 7.7910, 18.5030 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 177.0850, 7.7910, 18.5030 by changing the saturation by 10% instead.

 177.0850, 7.7910,
18.5030

 177.0850, 7.7910,
18.5030

255.0000, -0.0000,
-0.0000


 150.6720, 7.5160,
17.9800

 232.6830, 8.9830,
18.9270


 124.2590, 7.2410,
17.4570

 250.3040, 2.2000,
4.1840

 99.4330, 6.6910,
16.4110

 75.0200, 6.4160,
15.8880

 52.3080, 5.5450,
15.1530

 30.1940, 5.8660,
14.8420

 11.3790, 6.7830,

14.7430

■ 0.0000, 0.0000,
0.0000

■ 177.0850, 7.7910,
18.5030

■ 177.0850, 7.7910,
18.5030

■ 164.7470, 12.0990,
28.5390

■ 189.4230, 3.4830,
8.4670

■ 152.4090, 16.4070,
38.5750

■ 201.7610, -0.8250,
-1.5690

■ 140.0710, 20.7150,
48.6110

■ 214.0990, -5.1330,
-11.6050

■ 127.4340, 24.4270,
58.4350

■ 226.7360, -8.8450,
-21.4290

■ 115.0960, 28.7350,
68.4710

■ 234.3780,
-10.9530, -27.2810

■ 102.7580, 33.0430,
78.5070

■ 234.9760, -9.7610,
-26.8570

■ 90.4200, 37.3510,
88.5430

■ 235.5740, -8.5690,
-26.4330

■ 78.0820, 41.6590,
98.5790

■ 236.1720, -7.3770,
-26.0090

■ 76.3210, 42.4840,
100.1480

■ 236.7700, -6.1850,
-25.5850

Harmonies

Analogous

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



174.9020, -13.8030, 13.3730



177.0850, 7.7910, 18.5030



177.5400, 25.4430, 17.9790

Triad

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



177.0850, 7.7910, 18.5030



173.0290, 27.4190, -6.8290



164.5150, -44.4710, -14.5430

Complementary

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



177.0850, 7.7910, 18.5030



185.9150, -7.7910, -18.5030

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.



165.3070, -29.3860, -18.1060



177.0850, 7.7910, 18.5030



170.9020, 11.4190, -14.2210

Square

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



177.0850, 7.7910, 18.5030



174.7300, 35.9910, 3.0230



168.4310, -9.3040, -18.6160



166.3010, -46.4440, -6.3160

Rectangle

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



177.0850, 7.7910, 18.5030



176.4390, 32.9170, 14.6850



168.4310, -9.3040, -18.6160



164.3150, -41.0320, -16.2960

Sweetspot

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



177.0850, 7.7910, 18.5030



245.5970, 2.9330, 7.4210



169.5660, -12.9770, 9.4150



122.4180, 1.8790, 4.4950



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.



177.0850, 7.7910, 18.5030



220.3340, 11.8240, 28.0160



176.6850, 14.6690, 14.9970



93.4180, 1.8790, 4.4950



62.2360, 34.6930, 81.6450



13.6720, 7.5160, 17.9800

Inverse Universe

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



174.5190, 20.7680, 9.0880



216.4280, 31.4500, 13.7380



186.3150, -14.6690, -14.9970



92.8050, 5.0430, 2.2190



50.7890, 91.3700, 40.1540



11.2200, 20.1720, 8.8760

Previews

White Background



This preview shows how the YIQ color 177.0850, 7.7910, 18.5030 looks on a white background.

Color Contrast Check

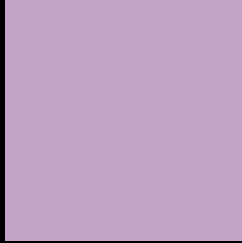
Large Text (above 18pt) WCAG AA × Fail

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 177.0850, 7.7910, 18.5030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

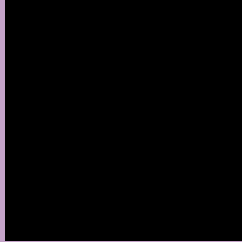
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 177.0850, 7.7910, 18.5030

Background



This preview shows how black text looks on a background with the YIQ color 177.0850, 7.7910, 18.5030.



This preview shows how white text looks on a background with the YIQ color 177.0850, 7.7910,

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

177.0850, 7.7910, 18.5030

Protanopia

174.3810, -13.8940, 9.5140

Deuteranopia

175.4100, -3.6700, 11.4500



Tritanopia

176.2560, 11.3230, 9.5550

Trichromacy



Original Color

177.0850, 7.7910, 18.5030

Protanomaly

175.6810, -5.8710, 12.7930

Deuteranomaly

176.0300, 0.4560, 13.7680

Tritanomaly

176.7660, 9.9470, 12.4670

Monochromacy



Original Color

177.0850, 7.7910, 18.5030

Achromatopsia

177.0000, -0.0000, 0.0000

Achromatomaly

177.0700, 2.9790, 6.5870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.0850, 7.7910, 18.5030 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(196, 163, 200)` looks like.

```
.text, #text, p{  
    color:rgb(196, 163, 200)  
}
```

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(196, 163, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 163, 200) }
```

Border

The CSS property to change the border of an element to YIQ 177.0850, 7.7910, 18.5030 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(196, 163, 200) }
```


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

```
.border{ border-color:rgb(196, 163, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 163, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 163, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 163, 200);  
box-shadow:4px 4px 4px 4px rgb(196, 163,  
200) }
```

Background

The CSS property to change the background color of an element to YIQ 177.0850, 7.7910, 18.5030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 163, 200) }
```

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

```
.background{ background-color: rgb(196,  
163, 200) }
```

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