

Converting Colors

YIQ(175.5570, 0.4100, 14.6020)

Have a look what the booklet for
YIQ(175.5570, 0.4100, 14.6020)
contains.

YIQ(175.5570, 0.4100, 14.6020)	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(175.5570, 0.4100,
14.6020)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A6C8
RGB	185, 166, 200
RGB Percent	73%, 65%, 78%
CMY	0.2744, 0.3490, 0.2157
CMYK	0.07, 0.17, 0.00, 0.22
HSL	274°, 24%, 72%
HSV	274°, 17%, 78%
XYZ	44.0710, 41.7558, 60.3766
YIQ	175.5570, 0.4100, 14.6020

Conversions

Conversions Part 2

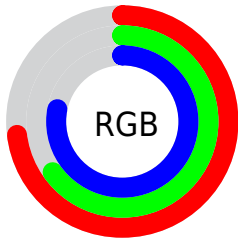
Format	Color
R_{YB}	185, 166, 200
Decimal	12166856
CIE _{Lab}	70.70, 13.28, -14.82
CIE _{LCh}	71, 19.903, 311.857
Yxy	41.7558, 0.3014, 0.2856
Android (android.graphics.Color)	4290356936 (0xFFB9A6C8)
YUV	175.5570, 12.0504, 8.2815
Hunter-Lab	64.6187, 8.6572, -10.1646

Details

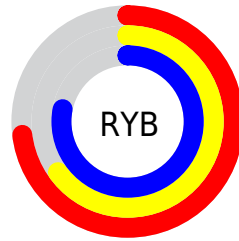
The YIQ color $175.5570, 0.4100, 14.6020$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $190.4430, -0.4100, -14.6020$, and the grayscale version is $175.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $230.8560, 1.0060, 14.8140$, and $123.0300, 0.4560, 13.7680$ is the 20% darker color. If you saturate the color by 10%, you get $161.1260, 0.5460, 23.1540$, and if you desaturate by 10%, it is $189.9880, 0.2740, 6.0500$.

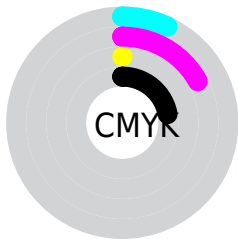
Distribution



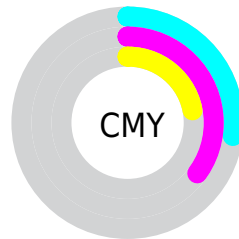
- Red (73%)
- Green (65%)
- Blue (78%)



- Red (73%)
- Yellow (65%)
- Blue (78%)



- Cyan (7%)
- Magenta (17%)
- Yellow (0%)
- Black (22%)



- Cyan (27%)
- Magenta (35%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 175.5570, 0.4100, 14.6020 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 175.5570, 0.4100, 14.6020 by changing the saturation by 10% instead.


 175.5570, 0.4100,
14.6020

 175.5570, 0.4100,
14.6020


255.0000, -0.0000,
-0.0000


 149.1440, 0.1350,
14.0790


 230.8560, 1.0060,
14.8140


 123.0300, 0.4560,
13.7680

 252.0650, 1.3750,
2.6150

 98.2040, -0.0940,
12.7220

 74.0900, 0.2270,
12.4110

 51.6770, -0.0480,
11.8880

 30.1500, -0.0020,
11.0540

 8.6880, 1.4190,

12.8350

■ 0.0000, 0.0000,
0.0000

■ 175.5570, 0.4100,
14.6020

■ 175.5570, 0.4100,
14.6020

■ 161.1260, 0.5460,
23.1540

■ 189.9880, 0.2740,
6.0500

■ 146.6950, 0.6820,
31.7060

■ 204.4190, 0.1380,
-2.5020

■ 132.5630, 1.4140,
40.4700

■ 218.5510, -0.5940,
-11.2660

■ 118.1320, 1.5500,
49.0220

■ 232.9820, -0.7300,
-19.8180

■ 103.7010, 1.6860,
57.5740

■ 240.9560, 2.1590,
-22.6170

■ 89.2700, 1.8220,
66.1260

■ 243.6470, 7.5230,
-20.7090

■ 74.8390, 1.9580,
74.6780

■ 246.3380, 12.8870,
-18.8010

■ 60.7070, 2.6900,
83.4420

■ 248.7300, 17.6550,
-17.1050

■ 56.2880, 2.5520,
85.9440

Harmonies

Analogous

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



173.1140, -17.5160, 9.0760



175.5570, 0.4100, 14.6020



175.9950, 16.7320, 16.1560

Triad

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



175.5570, 0.4100, 14.6020



173.3650, 26.5930, -2.8710



165.6150, -33.0090, -13.0170

Complementary

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



175.5570, 0.4100, 14.6020



190.4430, -0.4100, -14.6020

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.



167.3360, -19.1620, -16.1700



175.5570, 0.4100, 14.6020



171.3910, 14.5360, -10.1360

Square

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



175.5570, 0.4100, 14.6020



174.9730, 30.9930, 5.4970



169.2580, -1.3270, -14.5030



166.5530, -38.4660, -7.7300

Rectangle

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



175.5570, 0.4100, 14.6020



176.0190, 25.3520, 14.1200



169.2580, -1.3270, -14.5030



165.7140, -28.9740, -14.5580

Sweetspot

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



175.5570, 0.4100, 14.6020



245.5750, -0.0010, 5.5270



178.6810, -15.0390, 2.7290



122.1080, -0.1840, 3.3360



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.



175.5570, 0.4100, 14.6020



218.4850, 0.9130, 22.0090



179.8140, 9.9920, 17.1600



92.5210, 0.0910, 3.8590



45.7910, 1.9130, 69.9850



10.0840, 0.3640, 15.4360

Inverse Universe

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



177.8760, 15.4490, 11.8730



221.7570, 23.3340, 17.6540



186.1860, -9.9920, -17.1600



93.1470, 4.0800, 3.1520



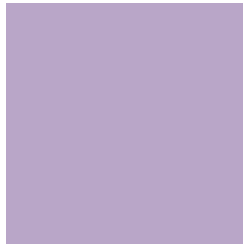
56.9450, 74.0360, 56.9480



12.5880, 16.3200, 12.6080

Previews

White Background



This preview shows how the YIQ color 175.5570, 0.4100, 14.6020 looks on a white background.

Color Contrast Check

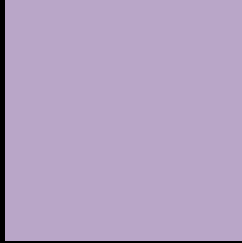
Large Text (above 18pt) WCAG AA × Fail

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 175.5570, 0.4100, 14.6020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

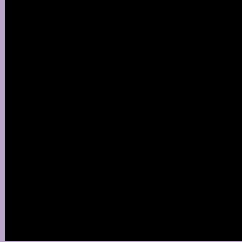
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 175.5570, 0.4100, 14.6020

Background



This preview shows how black text looks on a background with the YIQ color 175.5570, 0.4100, 14.6020.



This preview shows how white text looks on a background with the YIQ color 175.5570, 0.4100,

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

175.5570, 0.4100, 14.6020

Protanopia

174.1530, -13.2520, 8.8920

Deuteranopia

174.8120, -4.8620, 11.0260



Tritanopia

174.3690, 3.5750, 6.7990

Trichromacy



Original Color

175.5570, 0.4100, 14.6020

Protanomaly

174.9580, -8.2090, 11.1110

Deuteranomaly

175.1220, -2.7990, 12.1850

Tritanomaly

174.8790, 2.1990, 9.7110

Monochromacy



Original Color

175.5570, 0.4100, 14.6020

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

175.5750, -0.0010, 5.5270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.5570, 0.4100, 14.6020 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(185, 166, 200)` looks like.

```
.text, #text, p{  
    color:rgb(185, 166, 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(185, 166, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 166, 200) }
```

Border

The CSS property to change the border of an element to YIQ 175.5570, 0.4100, 14.6020 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(185, 166, 200) }
```


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

```
.border{ border-color:rgb(185, 166, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 166, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 166, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 166, 200);  
box-shadow:4px 4px 4px 4px rgb(185, 166,  
200) }
```

Background

The CSS property to change the background color of an element to YIQ 175.5570, 0.4100, 14.6020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 166, 200) }
```

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

```
.background{ background-color: rgb(185,  
166, 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