

Converting Colors

YIQ(168.6100, 19.2540, 14.5020)

Have a look what the booklet for
YIQ(168.6100, 19.2540, 14.5020)
contains.

YIQ(168.6100, 19.2540, 14.5020)	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(168.6100, 19.2540,
14.5020)**

Conversions

Conversions Part 1

Format	Color
Hex	C49AAC
RGB	196, 154, 172
RGB Percent	77%, 60%, 67%
CMY	0.2313, 0.3961, 0.3254
CMYK	0.00, 0.21, 0.12, 0.23
HSL	334°, 26%, 69%
HSV	334°, 21%, 77%
XYZ	41.7729, 37.8241, 44.1369
YIQ	168.6100, 19.2540, 14.5020

Conversions

Conversions Part 2

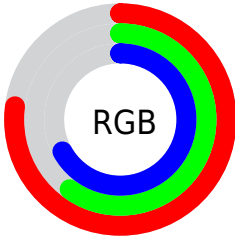
Format	Color
R _{YB}	196, 154, 172
Decimal	12884652
CIE Lab	67.89, 18.55, -3.38
CIE LCh	68, 18.857, 349.683
Yxy	37.8241, 0.3376, 0.3057
Android (android.graphics.Color)	4291074732 (0xFFC49AAC)
YUV	168.6100, 1.6713, 24.0210
Hunter-Lab	61.5013, 13.6135, 0.5010

Details

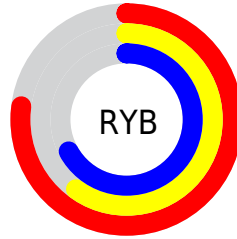
The YIQ color **168.6100, 19.2540, 14.5020** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **181.3900, -19.2540, -14.5020**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.2080, 20.4460, 14.9260**, and **116.5990, 17.7870, 13.5550** is the 20% darker color. If you saturate the color by 10%, you get **155.6160, 28.2850, 21.5410**, and if you desaturate by 10%, it is **181.6040, 10.2230, 7.4630**.

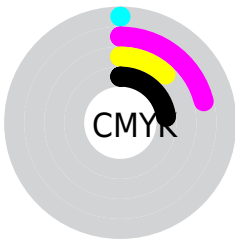
Distribution



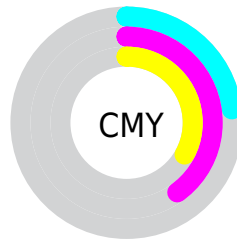
- Red (77%)
- Green (60%)
- Blue (67%)



- Red (77%)
- Yellow (60%)
- Blue (67%)



- Cyan (0%)
- Magenta (21%)
- Yellow (12%)
- Black (23%)



- Cyan (23%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.6100, 19.2540, 14.5020 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 168.6100, 19.2540, 14.5020 by changing the saturation by 10% instead.

168.6100, 19.2540,
14.5020

168.6100, 19.2540,
14.5020

255.0000, -0.0000,
-0.0000

142.1970, 18.9790,
13.9790

224.2080, 20.4460,
14.9260

116.5990, 17.7870,
13.5550

244.4340, 4.9500,
9.4140

91.3000, 17.1910,
13.3430

67.5880, 16.3200,
12.6080

44.9900, 15.1280,
12.1840

23.3920, 13.9360,
11.7600

6.2790, 12.5160,

4.4520

■ 0.0000, 0.0000,
0.0000

■ 168.6100, 19.2540,
14.5020

■ 168.6100, 19.2540,
14.5020

■ 155.6160, 28.2850,
21.5410

■ 181.6040, 10.2230,
7.4630

■ 143.2090, 37.0410,
28.0570

■ 194.0110, 1.4670,
0.9470

■ 130.1010, 46.3930,
34.7850

■ 207.1190, -7.8850,
-5.7810

■ 117.6940, 55.1490,
41.3010

■ 219.5260,
-16.6410, -12.2970

■ 104.7000, 64.1800,
48.3400

■ 232.5200,
-25.6720, -19.3360

■ 91.7060, 73.2110,
55.3790

■ 235.5350,
-30.0280, -17.4840

■ 79.2990, 81.9670,
61.8950

■ 236.7890,
-33.5590, -14.0630

■ 68.1800, 89.8520,
67.6760

■ 237.3590,
-35.1640, -12.5080

Harmonies

Analogous

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



168.5960, 4.6740, 14.4180



168.6100, 19.2540, 14.5020



168.1670, 27.6910, 10.2750

Triad

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



168.6100, 19.2540, 14.5020



163.7110, 10.6390, -11.0970



160.1020, -35.5780, -5.0020

Complementary

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



168.6100, 19.2540, 14.5020



181.3900, -19.2540, -14.5020

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.



158.6690, -33.1010, -11.3490



168.6100, 19.2540, 14.5020



161.2190, -5.5910, -14.3190

Square

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



168.6100, 19.2540, 14.5020



165.1580, 22.7420, -4.6660



159.7210, -21.6840, -14.5160



163.3360, -27.1890, 2.6590

Rectangle

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



168.6100, 19.2540, 14.5020



167.4890, 29.4800, 5.3840



159.7210, -21.6840, -14.5160



159.2220, -36.0360, -7.7160

Sweetspot

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



168.6100, 19.2540, 14.5020



245.1690, 7.0140, 5.0460



165.9640, 0.8220, 18.1500



122.0330, 4.4010, 2.8410



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.



168.6100, 19.2540, 14.5020



211.9260, 30.3480, 22.7000



168.3190, 24.2070, 7.3350



90.4460, 4.6760, 3.3640



56.0050, 73.8070, 55.5910



11.4630, 15.1740, 11.3500

Inverse Universe

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



168.6100, 19.2540, 14.5020



211.9260, 30.3480, 22.7000



181.6810, -24.2070, -7.3350



90.4460, 4.6760, 3.3640



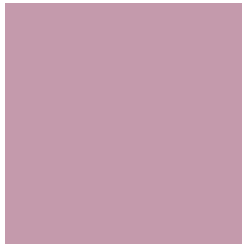
56.0050, 73.8070, 55.5910



11.4630, 15.1740, 11.3500

Previews

White Background



This preview shows how the YIQ color 168.6100, 19.2540, 14.5020 looks on a white background.

Color Contrast Check

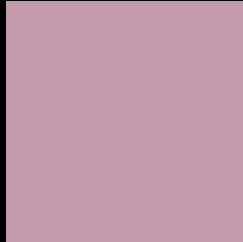
Large Text (above 18pt) WCAG AA × Fail

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 168.6100, 19.2540, 14.5020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

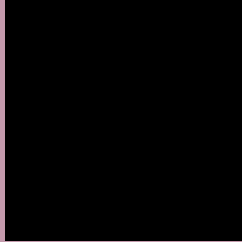
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 168.6100, 19.2540, 14.5020

Background



This preview shows how black text looks on a background with the YIQ color 168.6100, 19.2540, 14.5020.



This preview shows how white text looks on a background with the YIQ color 168.6100, 19.2540,

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

168.6100, 19.2540, 14.5020

Protanopia

166.4820, -4.1730, 4.0430

Deuteranopia

167.5220, 7.5180, 6.9260



Tritanopia

168.3280, 19.9880, 12.2120

Trichromacy



Original Color

168.6100, 19.2540, 14.5020

Protanomaly

167.1950, 4.1250, 7.8450

Deuteranomaly

167.5550, 11.9190, 9.7670

Tritanomaly

168.5560, 19.3460, 12.8340

Monochromacy



Original Color

168.6100, 19.2540, 14.5020

Achromatopsia

169.0000, -0.0000, -0.0000

Achromatomaly

169.1690, 7.0140, 5.0460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.6100, 19.2540, 14.5020 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, 154, 172)` looks like.

```
.text, #text, p{  
    color:rgb(196, 154, 172)  
}
```

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, 154, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 154, 172) }
```

Border

The CSS property to change the border of an element to YIQ 168.6100, 19.2540, 14.5020 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, 154, 172) }
```


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

```
.border{ border-color:rgb(196, 154, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 154, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 154, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 154, 172);  
box-shadow:4px 4px 4px 4px rgb(196, 154,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 168.6100, 19.2540, 14.5020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 154, 172) }
```

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

```
.background{ background-color: rgb(196,  
154, 172) }
```

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