

Converting Colors

YIQ(171.7920, 33.4210, 16.5650)

Have a look what the booklet for
YIQ(171.7920, 33.4210, 16.5650)
contains.

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Color

**YIQ(171.7920, 33.4210,
16.5650)**

Conversions

Conversions Part 1

Format	Color
Hex	D698A3
RGB	214, 152, 163
RGB Percent	84%, 60%, 64%
CMY	0.1606, 0.4040, 0.3607
CMYK	0.00, 0.29, 0.24, 0.16
HSL	349°, 43%, 72%
HSV	349°, 29%, 84%
XYZ	45.5808, 39.3956, 39.8669
YIQ	171.7920, 33.4210, 16.5650

Conversions

Conversions Part 2

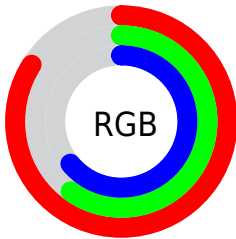
Format	Color
R_{YB}	214, 152, 163
Decimal	14063779
CIE _{Lab}	69.04, 24.83, 3.53
CIE _{LCh}	69, 25.079, 8.102
Yxy	39.3956, 0.3651, 0.3156
Android (android.graphics.Color)	4292253859 (0xFFD698A3)
YUV	171.7920, -4.3345, 37.0164
Hunter-Lab	62.7659, 19.7869, 6.2770

Details

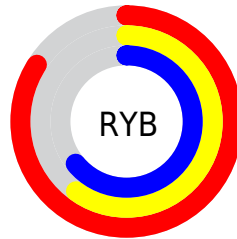
The YIQ color **171.7920, 33.4210, 16.5650** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **194.2080, -33.4210, -16.5650**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **222.6060, 25.0770, 13.5970**, and **118.5960, 31.0370, 15.7170** is the 20% darker color. If you saturate the color by 10%, you get **157.4130, 44.9740, 21.9500**, and if you desaturate by 10%, it is **186.1710, 21.8680, 11.1800**.

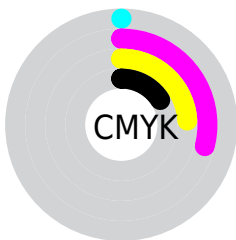
Distribution



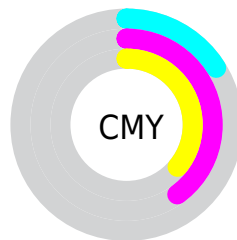
- Red (84%)
- Green (60%)
- Blue (64%)



- Red (84%)
- Yellow (60%)
- Blue (64%)



- Cyan (0%)
- Magenta (29%)
- Yellow (24%)
- Black (16%)





- Cyan (16%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 171.7920, 33.4210, 16.5650 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 171.7920, 33.4210, 16.5650 by changing the saturation by 10% instead.


 171.7920, 33.4210,
16.5650

 171.7920, 33.4210,
16.5650


255.0000, -0.0000,
-0.0000


 145.1940, 32.2290,
16.1410


 222.6060, 25.0770,
13.5970


 118.5960, 31.0370,
15.7170

 242.2340, 8.3890,
7.6610

 93.6990, 29.2490,
15.0810

 69.2150, 27.7360,
14.9680

 46.0190, 25.3520,
14.1200

 23.0620, 23.7930,
14.8410

 10.2800, 19.9430,

7.5190

■ 0.0000, 0.0000,
0.0000

■ 171.7920, 33.4210,
16.5650

■ 171.7920, 33.4210,
16.5650

■ 157.4130, 44.9740,
21.9500

■ 186.1710, 21.8680,
11.1800

■ 142.5610, 56.4810,
28.1690

■ 201.0230, 10.3610,
4.9610

■ 128.1820, 68.0340,
33.5540

■ 215.4020, -1.1920,
-0.4240

■ 113.3300, 79.5410,
39.7730

■ 230.2540,
-12.6990, -6.6430

■ 98.9510, 91.0940,
45.1580

■ 242.2850,
-23.1520, -9.9360

■ 84.5720, 102.6470,
50.5430

■ 242.7410,
-24.4360, -8.6920

■ 69.7200, 114.1540,
56.7620

■ 68.3180, 115.3460,
57.1860

Harmonies

Analogous

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



172.2990, 18.9320, 20.3400



171.7920, 33.4210, 16.5650



170.5610, 38.1450, 8.0410

Triad

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



171.7920, 33.4210, 16.5650



164.4060, 1.0120, -18.3480



162.2460, -44.6110, -0.9870

Complementary

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



171.7920, 33.4210, 16.5650



194.2080, -33.4210, -16.5650

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.



158.5020, -51.6240, -11.5600



171.7920, 33.4210, 16.5650



161.1460, -21.6830, -20.0430

Square

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



171.7920, 33.4210, 16.5650



166.7460, 20.7260, -12.1860



158.0760, -41.8570, -17.8650



167.4490, -25.7690, 9.9670

Rectangle

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



171.7920, 33.4210, 16.5650



169.5620, 36.4040, 1.0440



158.0760, -41.8570, -17.8650



160.5720, -48.6450, -4.9730

Sweetspot

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



171.7920, 33.4210, 16.5650



239.3330, 12.4240, 6.1200



174.3170, 10.4940, 30.0940



117.8270, 7.9770, 4.1130



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.



171.7920, 33.4210, 16.5650



194.4350, 47.9080, 23.8440



182.2780, 31.4520, 2.6840



99.5170, 5.9140, 2.9540



54.5490, 92.2860, 45.5820



13.7690, 23.0600, 11.6040

Inverse Universe

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



171.7920, 33.4210, 16.5650



194.4350, 47.9080, 23.8440



183.7220, -31.4520, -2.6840



99.5170, 5.9140, 2.9540



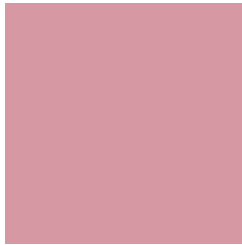
54.5490, 92.2860, 45.5820



13.7690, 23.0600, 11.6040

Previews

White Background



This preview shows how the YIQ color 171.7920, 33.4210, 16.5650 looks on a white background.

Color Contrast Check

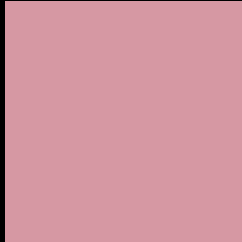
Large Text (above 18pt) WCAG AA × Fail

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 171.7920, 33.4210, 16.5650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

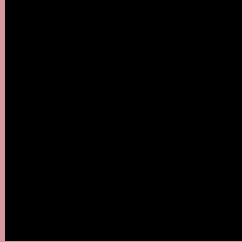
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 171.7920, 33.4210, 16.5650

Background



This preview shows how black text looks on a background with the YIQ color 171.7920, 33.4210, 16.5650.



This preview shows how white text looks on a background with the YIQ color 171.7920, 33.4210,

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

171.7920, 33.4210, 16.5650

Protanopia

169.3530, 0.5040, 1.8800

Deuteranopia

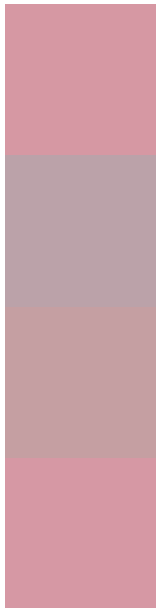
170.2470, 15.5420, 4.6780



Tritanopia

171.9060, 33.1000, 16.8760

Trichromacy



Original Color

171.7920, 33.4210, 16.5650

Protanomaly

170.2730, 12.6530, 7.4770

Deuteranomaly

170.7040, 21.6850, 8.9890

Tritanomaly

171.9060, 33.1000, 16.8760

Monochromacy



Original Color

171.7920, 33.4210, 16.5650

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

172.0340, 11.8280, 5.9080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.7920, 33.4210, 16.5650 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(214, 152, 163)` looks like.

```
.text, #text, p{  
    color:rgb(214, 152, 163)  
}
```

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(214, 152, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 152, 163) }
```

Border

The CSS property to change the border of an element to YIQ 171.7920, 33.4210, 16.5650 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(214, 152, 163) }
```


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

```
.border{ border-color:rgb(214, 152, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 152, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 152, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 152, 163);  
box-shadow:4px 4px 4px 4px rgb(214, 152,  
163) }
```

Background

The CSS property to change the background color of an element to YIQ 171.7920, 33.4210, 16.5650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 152, 163) }
```

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

```
.background{ background-color: rgb(214,  
152, 163) }
```

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](#).

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