

Converting Colors

YIQ(171.2100, 35.3000, 21.0600)

Have a look what the booklet for
YIQ(171.2100, 35.3000, 21.0600)
contains.

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Color

**YIQ(171.2100, 35.3000,
21.0600)**

Conversions

Conversions Part 1

Format	Color
Hex	DA94A8
RGB	218, 148, 168
RGB Percent	85%, 58%, 66%
CMY	0.1449, 0.4197, 0.3410
CMYK	0.00, 0.32, 0.23, 0.14
HSL	343°, 49%, 72%
HSV	343°, 32%, 86%
XYZ	46.5832, 38.9114, 42.1168
YIQ	171.2100, 35.3000, 21.0600

Conversions

Conversions Part 2

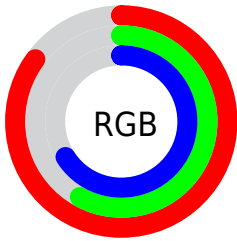
Format	Color
R _Y B	218, 148, 168
Decimal	14324904
CIE Lab	68.69, 29.19, 0.29
CIE LCh	69, 29.187, 0.567
Yxy	38.9114, 0.3650, 0.3049
Android (android.graphics.Color)	4292514984 (0xFFDA94A8)
YUV	171.2100, -1.5825, 41.0348
Hunter-Lab	62.3790, 24.1365, 3.6342

Details

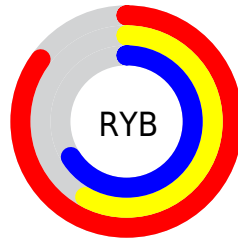
The YIQ color **171.2100, 35.3000, 21.0600** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **194.7900, -35.3000, -21.0600**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **220.8280, 24.5720, 17.2440**, and **118.0140, 32.9160, 20.2120** is the 20% darker color. If you saturate the color by 10%, you get **156.4720, 46.4860, 27.5900**, and if you desaturate by 10%, it is **185.9480, 24.1140, 14.5300**.

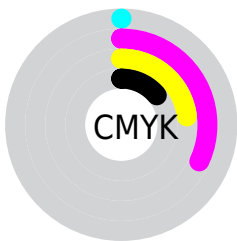
Distribution



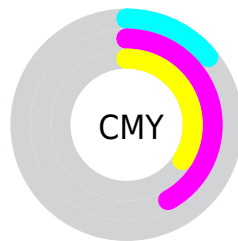
- Red (85%)
- Green (58%)
- Blue (66%)



- Red (85%)
- Yellow (58%)
- Blue (66%)



- Cyan (0%)
- Magenta (32%)
- Yellow (23%)
- Black (14%)



- Cyan (14%)
- Magenta (42%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.2100, 35.3000, 21.0600 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 171.2100, 35.3000, 21.0600 by changing the saturation by 10% instead.

■ 171.2100, 35.3000,
21.0600

■ 171.2100, 35.3000,
21.0600

255.0000, -0.0000,
-0.0000

■ 144.6120, 34.1080,
20.6360

■ 220.8280, 24.5720,
17.2440

■ 118.0140, 32.9160,
20.2120

■ 240.5700, 7.5630,
11.6190

■ 93.1170, 31.1280,
19.5760

■ 68.2200, 29.3400,
18.9400

■ 43.8500, 27.5060,
19.1380

■ 19.8930, 25.9470,
19.8590

■ 11.1770, 21.7310,

8.1550

■ 0.0000, 0.0000,
0.0000

■ 171.2100, 35.3000,
21.0600

■ 171.2100, 35.3000,
21.0600

■ 156.4720, 46.4860,
27.5900

■ 185.9480, 24.1140,
14.5300

■ 141.8480, 57.3510,
34.4310

■ 200.5720, 13.2490,
7.6890

■ 127.6970, 68.2620,
40.4380

■ 214.7230, 2.3380,
1.6820

■ 113.0730, 79.1270,
47.2790

■ 229.3470, -8.5270,
-5.1590

■ 98.3350, 90.3130,
53.8090

■ 242.9110,
-19.1630, -10.6430

■ 83.7110, 101.1780,
60.6500

■ 243.9370,
-22.0520, -7.8440

■ 72.2500, 110.0260,
65.4980

Harmonies

Analogous

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



171.7380, 16.3180, 23.6620



171.2100, 35.3000, 21.0600



170.0180, 44.2880, 12.3520

Triad

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



171.2100, 35.3000, 21.0600



163.2880, 7.1560, -19.5640



157.4830, -58.6400, -5.5520

Complementary

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



171.2100, 35.3000, 21.0600



194.7900, -35.3000, -21.0600

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.



153.0660, -62.2600, -17.0440



171.2100, 35.3000, 21.0600



159.7070, -19.0690, -23.3650

Square

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



171.2100, 35.3000, 21.0600



166.1660, 28.2910, -11.6210



155.1740, -45.2490, -22.4730



164.9360, -37.5060, 7.9180

Rectangle

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



171.2100, 35.3000, 21.0600



168.6770, 43.5100, 4.4220



155.1740, -45.2490, -22.4730



155.5810, -62.0320, -10.1600

Sweetspot

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



171.2100, 35.3000, 21.0600



238.2730, 12.6530, 7.4770



170.6310, 6.7340, 32.1580



117.3540, 7.9310, 4.9470



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.



171.2100, 35.3000, 21.0600



188.7930, 50.0160, 29.6960



177.1480, 37.8700, 7.5180



102.6310, 5.5930, 3.2650



57.4270, 87.0580, 52.2260



15.2360, 23.2430, 13.7950

Inverse Universe

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



171.2100, 35.3000, 21.0600



188.7930, 50.0160, 29.6960



188.8520, -37.8700, -7.5180



102.6310, 5.5930, 3.2650



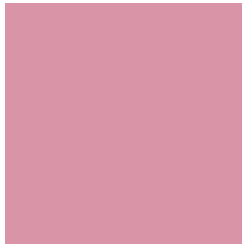
57.4270, 87.0580, 52.2260



15.2360, 23.2430, 13.7950

Previews

White Background



This preview shows how the YIQ color 171.2100, 35.3000, 21.0600 looks on a white background.

Color Contrast Check

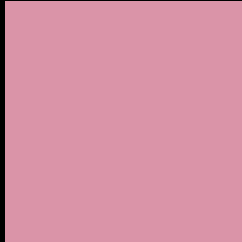
Large Text (above 18pt) WCAG AA × Fail

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 171.2100, 35.3000, 21.0600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

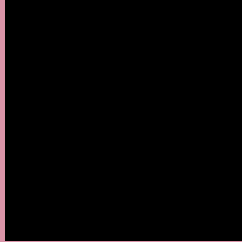
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 171.2100, 35.3000, 21.0600

Background



This preview shows how black text looks on a background with the YIQ color 171.2100, 35.3000, 21.0600.



This preview shows how white text looks on a background with the YIQ color 171.2100, 35.3000,

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

171.2100, 35.3000, 21.0600

Protanopia

168.6670, -3.2560, 3.9440

Deuteranopia

169.2190, 12.7450, 5.8090



Tritanopia

170.7000, 36.6760, 18.1480

Trichromacy



Original Color

171.2100, 35.3000, 21.0600

Protanomaly

169.4840, 10.6810, 10.1770

Deuteranomaly

169.9860, 20.9510, 11.2790

Tritanomaly

171.0420, 35.7130, 19.0810

Monochromacy



Original Color

171.2100, 35.3000, 21.0600

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

171.2730, 12.6530, 7.4770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.2100, 35.3000, 21.0600 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(218, 148, 168)` looks like.

```
.text, #text, p{  
    color:rgb(218, 148, 168)  
}
```

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(218, 148, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 148, 168) }
```

Border

The CSS property to change the border of an element to YIQ 171.2100, 35.3000, 21.0600 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(218, 148, 168) }
```


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

```
.border{ border-color:rgb(218, 148, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 148, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 148, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 148, 168);  
box-shadow:4px 4px 4px 4px rgb(218, 148,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 171.2100, 35.3000, 21.0600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 148, 168) }
```

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

```
.background{ background-color: rgb(218,  
148, 168) }
```

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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