

Converting Colors

YIQ(173.9600, 33.0080, 18.5440)

Have a look what the booklet for
YIQ(173.9600, 33.0080, 18.5440)
contains.

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Color

**YIQ(173.9600, 33.0080,
18.5440)**

Conversions

Conversions Part 1

Format	Color
Hex	D999A9
RGB	217, 153, 169
RGB Percent	85%, 60%, 66%
CMY	0.1489, 0.4001, 0.3371
CMYK	0.00, 0.30, 0.22, 0.15
HSL	345°, 46%, 73%
HSV	345°, 30%, 85%
XYZ	47.1787, 40.3974, 42.8619
YIQ	173.9600, 33.0080, 18.5440

Conversions

Conversions Part 2

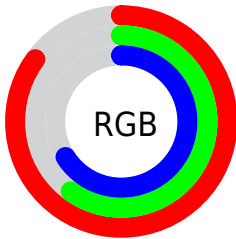
Format	Color
R_{YB}	217, 153, 169
Decimal	14260649
CIE _{Lab}	69.75, 26.27, 1.27
CIE _{LCh}	70, 26.300, 2.768
Yxy	40.3974, 0.3617, 0.3097
Android (android.graphics.Color)	4292450729 (0xFFD999A9)
YUV	173.9600, -2.4453, 37.7461
Hunter-Lab	63.5590, 21.2691, 4.5082

Details

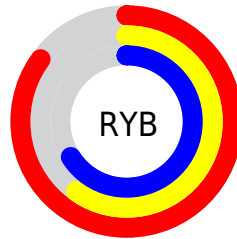
The YIQ color **173.9600, 33.0080, 18.5440** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **196.0400, -33.0080, -18.5440**, and the grayscale version is **174.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.8770, 22.8760, 14.9400**, and **120.7640, 30.6240, 17.6960** is the 20% darker color. If you saturate the color by 10%, you get **159.2220, 44.1940, 25.0740**, and if you desaturate by 10%, it is **188.6980, 21.8220, 12.0140**.

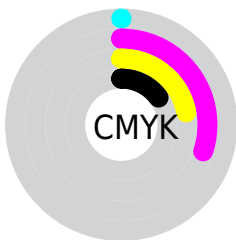
Distribution



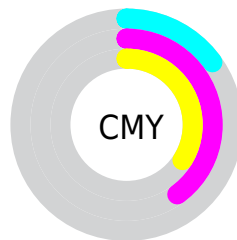
- Red (85%)
- Green (60%)
- Blue (66%)



- Red (85%)
- Yellow (60%)
- Blue (66%)



- Cyan (0%)
- Magenta (30%)
- Yellow (22%)
- Black (15%)




- Cyan (15%)
- Magenta (40%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 173.9600, 33.0080, 18.5440 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 173.9600, 33.0080, 18.5440 by changing the saturation by 10% instead.

 173.9600, 33.0080,
18.5440


 173.9600, 33.0080,
18.5440


255.0000, -0.0000,
-0.0000


 147.3620, 31.8160,
18.1200


 223.8770, 22.8760,
14.9400


 120.7640, 30.6240,
17.6960

 243.6190, 5.8670,
9.3150

 95.7530, 29.1570,
16.7490

 71.2690, 27.6440,
16.6360

 47.4860, 25.5350,
16.3110

 23.5290, 23.9760,
17.0320

 11.7750, 22.9230,

8.5790

■ 0.0000, 0.0000,
0.0000

■ 173.9600, 33.0080,
18.5440

■ 173.9600, 33.0080,
18.5440

■ 159.2220, 44.1940,
25.0740

■ 188.6980, 21.8220,
12.0140

■ 145.0710, 55.1050,
31.0810

■ 202.9630, 10.5900,
6.3180

■ 130.2190, 66.6120,
37.3000

■ 217.7010, -0.5960,
-0.2120

■ 115.4810, 77.7980,
43.8300

■ 232.4390,
-11.7820, -6.7420

■ 100.7430, 88.9840,
50.3600

■ 243.0680,
-21.0430, -9.6110

■ 86.4780, 100.2160,
56.0560

■ 243.6380,
-22.6480, -8.0560

■ 71.7400, 111.4020,
62.5860

■ 71.0390, 111.9980,
62.7980

Harmonies

Analogous

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



174.2710, 16.1350, 21.4710



173.9600, 33.0080, 18.5440



172.8110, 40.4370, 10.5570

Triad

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



173.9600, 33.0080, 18.5440



166.5590, 4.9550, -18.2210



163.0280, -49.9290, -3.7290

Complementary

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



173.9600, 33.0080, 18.5440



196.0400, -33.0080, -18.5440

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.



159.2520, -53.9160, -14.0760



173.9600, 33.0080, 18.5440



163.1740, -18.8860, -21.1740

Square

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



173.9600, 33.0080, 18.5440



169.4260, 24.6230, -11.2250



159.9080, -41.4440, -19.8440



168.8720, -31.4540, 8.3700

Rectangle

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



173.9600, 33.0080, 18.5440



171.5840, 39.3380, 2.9380



159.9080, -41.4440, -19.8440



161.0660, -53.0920, -6.9800

Sweetspot

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



173.9600, 33.0080, 18.5440



239.5610, 11.7820, 6.7420



174.3490, 7.4680, 29.8680



117.9410, 7.6560, 4.4240



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.



173.9600, 33.0080, 18.5440



195.1190, 45.9820, 25.7100



180.9410, 34.0190, 5.7230



102.5170, 5.9140, 2.9540



56.6290, 89.3050, 50.0490



15.1220, 23.5640, 13.4840

Inverse Universe

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



173.9600, 33.0080, 18.5440



195.1190, 45.9820, 25.7100



189.0590, -34.0190, -5.7230



102.5170, 5.9140, 2.9540



56.6290, 89.3050, 50.0490



15.1220, 23.5640, 13.4840

Previews

White Background



This preview shows how the YIQ color 173.9600, 33.0080, 18.5440 looks on a white background.

Color Contrast Check

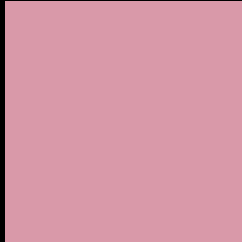
Large Text (above 18pt) WCAG AA × Fail

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 173.9600, 33.0080, 18.5440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

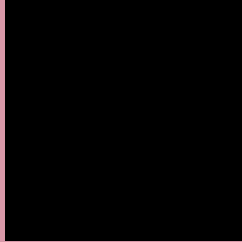
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 173.9600, 33.0080, 18.5440

Background



This preview shows how black text looks on a background with the YIQ color 173.9600, 33.0080, 18.5440.



This preview shows how white text looks on a background with the YIQ color 173.9600, 33.0080,

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

173.9600, 33.0080, 18.5440

Protanopia

171.3250, -2.2930, 3.0110

Deuteranopia

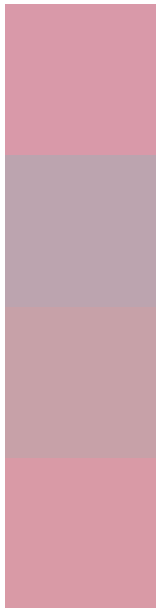
172.4040, 13.6620, 5.7100



Tritanopia

174.0910, 34.0170, 16.7770

Trichromacy



Original Color

173.9600, 33.0080, 18.5440

Protanomaly

172.4300, 10.7730, 8.5090

Deuteranomaly

173.1600, 20.4010, 10.2330

Tritanomaly

174.2050, 33.6960, 17.0880

Monochromacy



Original Color

173.9600, 33.0080, 18.5440

Achromatopsia

174.0000, -0.0000, -0.0000

Achromatomaly

173.8600, 12.3780, 6.9540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.9600, 33.0080, 18.5440 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(217, 153, 169)` looks like.

```
.text, #text, p{  
    color:rgb(217, 153, 169)  
}
```

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(217, 153, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 153, 169) }
```

Border

The CSS property to change the border of an element to YIQ 173.9600, 33.0080, 18.5440 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(217, 153, 169) }
```


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

```
.border{ border-color:rgb(217, 153, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 153, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 153, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 153, 169);  
box-shadow:4px 4px 4px 4px rgb(217, 153,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 173.9600, 33.0080, 18.5440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 153, 169) }
```

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

```
.background{ background-color: rgb(217,  
153, 169) }
```

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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