

Converting Colors

YIQ(131.8450, 17.8750, 33.9950)

Have a look what the booklet for
YIQ(131.8450, 17.8750, 33.9950)
contains.

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Color

**YIQ(131.8450, 17.8750,
33.9950)**

Conversions

Conversions Part 1

Format	Color
Hex	AA69AA
RGB	170, 105, 170
RGB Percent	67%, 41%, 67%
CMY	0.3331, 0.5883, 0.3333
CMYK	0.00, 0.38, 0.00, 0.33
HSL	300°, 28%, 54%
HSV	300°, 38%, 67%
XYZ	28.8933, 21.5517, 40.6699
YIQ	131.8450, 17.8750, 33.9950

Conversions

Conversions Part 2

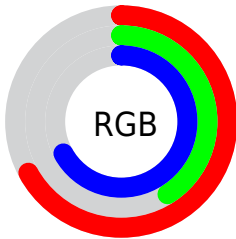
Format	Color
R _{YB}	170, 105, 170
Decimal	11168170
CIE _{Lab}	53.55, 36.42, -24.12
CIE _{LCh}	54, 43.683, 326.478
Y _{xy}	21.5517, 0.3171, 0.2365
Android (android.graphics.Color)	4289358250 (0xFFAA69AA)
YUV	131.8450, 18.8104, 33.4619
Hunter-Lab	46.4238, 29.8535, -19.4447

Details

The YIQ color **131.8450, 17.8750, 33.9950** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **143.1550, -17.8750, -33.9950**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.9700, 19.0210, 35.2530**, and **80.4210, 16.1330, 32.5250** is the 20% darker color. If you saturate the color by 10%, you get **121.8660, 22.5500, 42.8860**, and if you desaturate by 10%, it is **141.8240, 13.2000, 25.1040**.

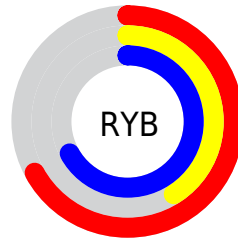
Distribution



Red (67%)

Green (41%)

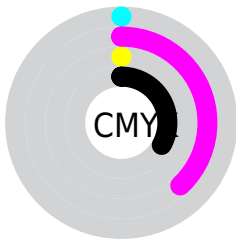
Blue (67%)



Red (67%)

Yellow (41%)

Blue (67%)

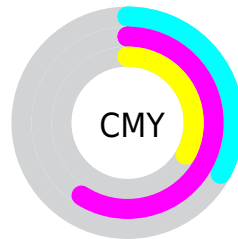


Cyan (0%)

Magenta (38%)

Yellow (0%)

Black (33%)



Cyan (33%)

Magenta (59%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 131.8450, 17.8750, 33.9950 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 131.8450, 17.8750, 33.9950 by changing the saturation by 10% instead.

131.8450, 17.8750,
33.9950

131.8450, 17.8750,
33.9950

255.0000, -0.0000,
-0.0000

106.0190, 17.3250,
32.9490

185.9700, 19.0210,
35.2530

80.4210, 16.1330,
32.5250

213.7960, 19.5710,
36.2990

56.0080, 15.8580,
32.0020

230.3460, 11.5500,
21.9660

29.3610, 16.3620,
33.8820

247.3690, 3.5750,
6.7990

18.1010, 10.8620,
23.4220

5.2420, -3.2570,
9.4710

0.0000, 0.0000,

0.0000

■ 131.8450, 17.8750,
33.9950

■ 131.8450, 17.8750,
33.9950

■ 121.8660, 22.5500,
42.8860

■ 141.8240, 13.2000,
25.1040

■ 111.8870, 27.2250,
51.7770

■ 151.8030, 8.5250,
16.2130

■ 101.9080, 31.9000,
60.6680

■ 161.7820, 3.8500,
7.3220

■ 91.9290, 36.5750,
69.5590

■ 171.7610, -0.8250,
-1.5690

■ 81.9500, 41.2500,
78.4500

■ 181.7400, -5.5000,
-10.4600

■ 71.9710, 45.9250,
87.3410

■ 191.7190,
-10.1750, -19.3510

70.2100, 46.7500,
88.9100

201.6980,
-14.8500, -28.2420

211.6770,
-19.5250, -37.1330

219.8950,
-23.3750, -44.4550

Harmonies

Analogous

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



129.4470, -22.2870, 23.9610



131.8450, 17.8750, 33.9950



129.6340, 46.2100, 32.5940

Triad

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



131.8450, 17.8750, 33.9950



124.2350, 41.0380, -16.8660



103.9420, -91.5100, -26.5980

Complementary

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



131.8450, 17.8750, 33.9950



143.1550, -17.8750, -33.9950

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.



99.6100, -79.3120, -38.4160



131.8450, 17.8750, 33.9950



121.0140, 13.4390, -28.8090

Square

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



131.8450, 17.8750, 33.9950



126.5120, 57.0360, 1.5800



114.2620, -25.4860, -33.7260



105.0140, -100.0400, -15.1760

Rectangle

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



131.8450, 17.8750, 33.9950



127.9800, 56.6190, 25.6670



114.2620, -25.4860, -33.7260



103.1610, -87.9330, -30.8530

Sweetspot

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



131.8450, 17.8750, 33.9950



207.3250, 6.8750, 13.0750



112.4100, -20.8650, 20.2150



103.7820, 3.8500, 7.3220



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



131.8450, 17.8750, 33.9950



162.1260, 28.0500, 53.3460



128.1970, 28.1470, 24.0430



79.3040, 2.2000, 4.1840



61.1240, 40.7000, 77.4040



8.2600, 5.5000, 10.4600

Inverse Universe

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



131.8450, 17.8750, 33.9950



162.1260, 28.0500, 53.3460



146.9170, -28.4680, -23.7320



79.3040, 2.2000, 4.1840



61.1240, 40.7000, 77.4040



8.2600, 5.5000, 10.4600

Previews

White Background



This preview shows how the YIQ color 131.8450, 17.8750, 33.9950 looks on a white background.

Color Contrast Check

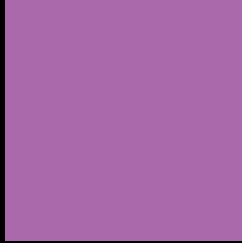
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.8450, 17.8750, 33.9950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

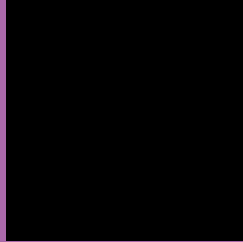
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 131.8450, 17.8750, 33.9950

Background



This preview shows how black text looks on a background with the YIQ color 131.8450, 17.8750, 33.9950.



This preview shows how white text looks on a background with the YIQ color 131.8450, 17.8750,

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

131.8450, 17.8750, 33.9950

Protanopia

127.8710, -29.7130, 15.3670

Deuteranopia

129.0650, -15.8200, 11.3800



Tritanopia

130.6770, 26.3150, 13.1870

Trichromacy



Original Color

131.8450, 17.8750, 33.9950

Protanomaly

129.0690, -12.4750, 22.3490

Deuteranomaly

129.8650, -3.2130, 19.6910

Tritanomaly

130.8650, 23.1500, 20.9900

Monochromacy



Original Color

131.8450, 17.8750, 33.9950

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

131.9120, 6.6000, 12.5520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 131.8450, 17.8750, 33.9950 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(170, 105, 170)` looks like.

```
.text, #text, p{  
    color:rgb(170, 105, 170)  
}
```

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(170, 105, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 105, 170) }
```

Border

The CSS property to change the border of an element to YIQ 131.8450, 17.8750, 33.9950 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(170, 105, 170) }
```


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

```
.border{ border-color:rgb(170, 105, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 105, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 105, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 105, 170);  
box-shadow:4px 4px 4px 4px rgb(170, 105,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 131.8450, 17.8750, 33.9950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 105, 170) }
```

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

```
.background{ background-color: rgb(170,  
105, 170) }
```

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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