

Converting Colors

YIQ(183.7680, 33.9690, 28.6650)

Have a look what the booklet for
YIQ(183.7680, 33.9690, 28.6650)
contains.

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Color

**YIQ(183.7680, 33.9690,
28.6650)**

Conversions

Conversions Part 1

Format	Color
Hex	EA9CC3
RGB	234, 156, 195
RGB Percent	92%, 61%, 76%
CMY	0.0821, 0.3883, 0.2352
CMYK	0.00, 0.33, 0.17, 0.08
HSL	330°, 65%, 76%
HSV	330°, 33%, 92%
XYZ	55.6856, 45.2088, 57.4368
YIQ	183.7680, 33.9690, 28.6650

Conversions

Conversions Part 2

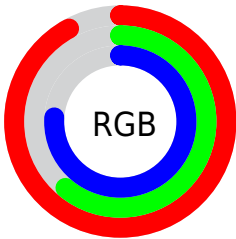
Format	Color
R_{YB}	234, 156, 195
Decimal	15375555
CIE Lab	73.03, 34.63, -8.10
CIE LCh	73, 35.569, 346.835
Yxy	45.2088, 0.3517, 0.2855
Android (android.graphics.Color)	4293565635 (0xFFEA9CC3)
YUV	183.7680, 5.5374, 44.0535
Hunter-Lab	67.2375, 30.1668, -3.5815

Details

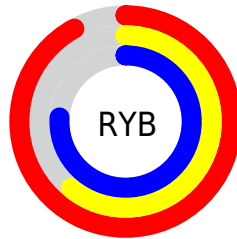
The YIQ color **183.7680, 33.9690, 28.6650** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **206.2320, -33.9690, -28.6650**, and the grayscale version is **184.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **228.8300, 13.0630, 22.0790**, and **129.4580, 31.9060, 27.5060** is the 20% darker color. If you saturate the color by 10%, you get **168.8990, 44.1460, 36.9620**, and if you desaturate by 10%, it is **198.6370, 23.7920, 20.3680**.

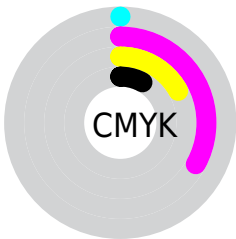
Distribution



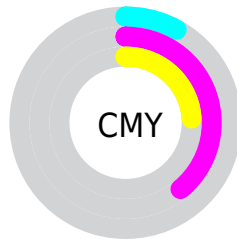
- Red (92%)
- Green (61%)
- Blue (76%)



- Red (92%)
- Yellow (61%)
- Blue (76%)



- Cyan (0%)
- Magenta (33%)
- Yellow (17%)
- Black (8%)




- Cyan (8%)
- Magenta (39%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 183.7680, 33.9690, 28.6650 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 183.7680, 33.9690, 28.6650 by changing the saturation by 10% instead.


 183.7680, 33.9690,
28.6650


 183.7680, 33.9690,
28.6650


255.0000, -0.0000,
-0.0000


 156.1700, 32.7770,
28.2410


 228.8300, 13.0630,
22.0790


 129.4580, 31.9060,
27.5060

 246.1950, 4.1250,
7.8450

 103.5610, 30.1180,
26.8700

 78.8490, 29.2470,
26.1350

 53.4790, 27.4130,
26.3330

 27.6470, 27.0000,
28.3120

 17.2020, 20.5830,

17.9510

■ 3.5880, 7.1520,
2.5440

■ 0.0000, 0.0000,
0.0000

■ 183.7680, 33.9690,
28.6650

■ 183.7680, 33.9690,
28.6650

■ 168.8990, 44.1460,
36.9620

■ 198.6370, 23.7920,
20.3680

■ 153.5570, 54.2770,
46.0930

■ 213.9790, 13.6610,
11.2370

■ 138.6880, 64.4540,
54.3900

■ 228.8480, 3.4840,
2.9400

■ 123.2320, 74.9060,
63.2100

■ 244.3040, -6.9680,
-5.8800

■ 108.4770, 84.7620,
71.8180

■ 248.6070,
-12.1950, -4.7630

■ 93.6080, 94.9390,
80.1150

■ 248.7210,
-12.5160, -4.4520

■ 83.3040, 101.9070,
85.9950

Harmonies

Analogous

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



183.3980, 5.7720, 27.5640



183.7680, 33.9690, 28.6650



182.4090, 50.7970, 21.0450

Triad

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



183.7680, 33.9690, 28.6650



175.3620, 21.5070, -20.8370



159.9740, -85.3680, -16.7600

Complementary

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



183.7680, 33.9690, 28.6650



206.2320, -33.9690, -28.6650

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.



159.0270, -75.6920, -26.9240



183.7680, 33.9690, 28.6650



171.0470, -8.5230, -27.2670

Square

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



183.7680, 33.9690, 28.6650



178.1740, 43.0080, -8.5120



165.3280, -43.0470, -29.3430



170.5460, -62.9510, 0.9930

Rectangle

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



183.7680, 33.9690, 28.6650



181.2810, 53.7330, 11.8850



165.3280, -43.0470, -29.3430



157.7410, -86.3300, -21.3540

Sweetspot

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



183.7680, 33.9690, 28.6650



238.8430, 11.0480, 9.0320



176.2540, -2.3900, 32.3140



117.6960, 6.9680, 5.8800



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.



183.7680, 33.9690, 28.6650



189.3120, 44.4210, 37.4850



179.4360, 46.1670, 16.8470



109.8590, 4.9510, 3.8870



64.4930, 78.6650, 66.6730



19.2240, 23.5170, 19.8450

Inverse Universe

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



183.7680, 33.9690, 28.6650



189.3120, 44.4210, 37.4850



210.5640, -46.1670, -16.8470



109.8590, 4.9510, 3.8870



64.4930, 78.6650, 66.6730



19.2240, 23.5170, 19.8450

Previews

White Background



This preview shows how the YIQ color 183.7680, 33.9690, 28.6650 looks on a white background.

Color Contrast Check

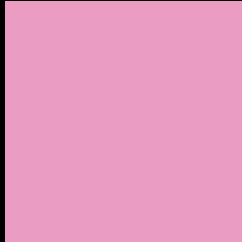
Large Text (above 18pt) WCAG AA × Fail

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 183.7680, 33.9690, 28.6650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

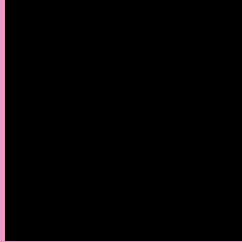
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 183.7680, 33.9690, 28.6650

Background



This preview shows how black text looks on a background with the YIQ color 183.7680, 33.9690, 28.6650.



This preview shows how white text looks on a background with the YIQ color 183.7680, 33.9690,

28.6650.

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

183.7680, 33.9690, 28.6650

Protanopia

180.3380, -12.3350, 8.7930

Deuteranopia

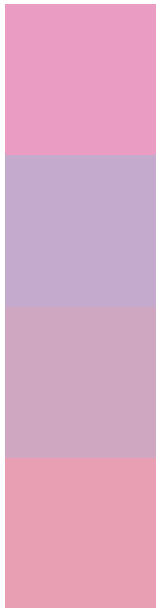
181.4340, 4.9500, 9.4140



Tritanopia

182.5970, 38.4640, 18.7840

Trichromacy



Original Color

183.7680, 33.9690, 28.6650

Protanomaly

181.6500, 4.5820, 16.0860

Deuteranomaly

181.9240, 15.4940, 16.5660

Tritanomaly

183.2210, 36.7670, 22.0070

Monochromacy



Original Color

183.7680, 33.9690, 28.6650

Achromatopsia

184.0000, 0.0000, -0.0000

Achromatomaly

183.9680, 12.1940, 10.2900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.7680, 33.9690, 28.6650 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(234, 156, 195)` looks like.

```
.text, #text, p{  
    color:rgb(234, 156, 195)  
}
```

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(234, 156, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 156, 195) }
```

Border

The CSS property to change the border of an element to YIQ 183.7680, 33.9690, 28.6650 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(234, 156, 195) }
```


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

```
.border{ border-color:rgb(234, 156, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 156, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 156, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 156, 195);  
box-shadow:4px 4px 4px 4px rgb(234, 156,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 183.7680, 33.9690, 28.6650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 156, 195) }
```

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

```
.background{ background-color: rgb(234,  
156, 195) }
```

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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