

Converting Colors

YIQ(183.3980, 32.1350, 28.8630)

Have a look what the booklet for
YIQ(183.3980, 32.1350, 28.8630)
contains.

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Color

**YIQ(183.3980, 32.1350,
28.8630)**

Conversions

Conversions Part 1

Format	Color
Hex	E89CC5
RGB	232, 156, 197
RGB Percent	91%, 61%, 77%
CMY	0.0900, 0.3883, 0.2274
CMYK	0.00, 0.33, 0.15, 0.09
HSL	328°, 62%, 76%
HSV	328°, 33%, 91%
XYZ	55.2598, 44.9632, 58.6043
YIQ	183.3980, 32.1350, 28.8630

Conversions

Conversions Part 2

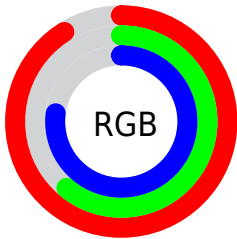
Format	Color
R_{YB}	232, 156, 197
Decimal	15244485
CIE Lab	72.87, 34.26, -9.47
CIE LCh	73, 35.545, 344.554
Yxy	44.9632, 0.3479, 0.2831
Android (android.graphics.Color)	4293434565 (0xFFE89CC5)
YUV	183.3980, 6.7058, 42.6240
Hunter-Lab	67.0546, 29.7565, -4.8799

Details

The YIQ color **183.3980, 32.1350, 28.8630** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **204.6020, -32.1350, -28.8630**, and the grayscale version is **183.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.0580, 12.4210, 22.7010**, and **129.6750, 29.7970, 27.1810** is the 20% darker color. If you saturate the color by 10%, you get **168.6430, 41.9910, 37.4710**, and if you desaturate by 10%, it is **198.1530, 22.2790, 20.2550**.

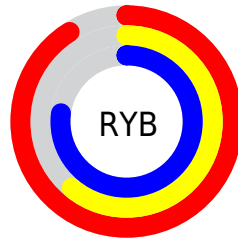
Distribution



Red (91%)

Green (61%)

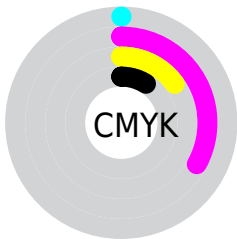
Blue (77%)



Red (91%)

Yellow (61%)

Blue (77%)

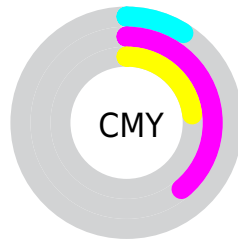


Cyan (0%)

Magenta (33%)

Yellow (15%)

Black (9%)



Cyan (9%)


Magenta (39%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 183.3980, 32.1350, 28.8630 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 183.3980, 32.1350, 28.8630 by changing the saturation by 10% instead.


 183.3980, 32.1350,
28.8630


 183.3980, 32.1350,
28.8630


255.0000, -0.0000,
-0.0000


 155.8000, 30.9430,
28.4390


 229.0580, 12.4210,
22.7010


 129.0880, 30.0720,
27.7040

 246.1950, 4.1250,
7.8450

 103.4900, 28.8800,
27.2800

 78.4790, 27.4130,
26.3330

 53.2940, 26.4960,
26.4320

 27.4620, 26.0830,
28.4110

 17.1310, 19.3450,

18.3610

■ 2.6910, 5.3640,
1.9080

■ 0.0000, 0.0000,
0.0000

■ 183.3980, 32.1350,
28.8630

■ 183.3980, 32.1350,
28.8630

■ 168.6430, 41.9910,
37.4710

■ 198.1530, 22.2790,
20.2550

■ 154.0020, 51.5260,
46.3900

■ 212.7940, 12.7440,
11.3360

■ 138.6600, 61.6570,
55.5210

■ 228.1360, 2.6130,
2.2050

■ 123.9050, 71.5130,
64.1290

■ 242.8910, -7.2430,
-6.4030

■ 109.2640, 81.0480,
73.0480

■ 247.5530,
-12.1030, -6.4310

■ 94.5090, 90.9040,
81.6560

■ 248.1230,
-13.7080, -4.8760

■ 83.6180, 98.1470,
88.0590

Harmonies

Analogous

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



183.2020, 3.3880, 26.7160



183.3980, 32.1350, 28.8630



181.7510, 49.8340, 21.9780

Triad

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



183.3980, 32.1350, 28.8630



175.2590, 23.2950, -20.2010



158.7350, -86.1930, -18.3290

Complementary

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



183.3980, 32.1350, 28.8630



204.6020, -32.1350, -28.8630

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.



158.9840, -74.1330, -27.6450



183.3980, 32.1350, 28.8630



171.0150, -5.4970, -27.0410

Square

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



183.3980, 32.1350, 28.8630



178.1850, 44.4750, -7.5650



165.2960, -40.0210, -29.1170



169.2360, -65.0140, -0.1660

Rectangle

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



183.3980, 32.1350, 28.8630



181.2210, 53.9620, 13.2420



165.2960, -40.0210, -29.1170



157.2140, -86.2840, -22.1880

Sweetspot

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



183.3980, 32.1350, 28.8630



238.9570, 10.7270, 9.3430



174.8300, -4.1320, 30.8440



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.



183.3980, 32.1350, 28.8630



191.6430, 41.9910, 37.4710



179.1800, 44.0120, 17.3560



109.9730, 4.6300, 4.1980



65.2910, 76.4180, 68.8500



19.4520, 22.8750, 20.4670

Inverse Universe

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



183.3980, 32.1350, 28.8630



191.6430, 41.9910, 37.4710



208.8200, -44.0120, -17.3560



109.9730, 4.6300, 4.1980



65.2910, 76.4180, 68.8500



19.4520, 22.8750, 20.4670

Previews

White Background



This preview shows how the YIQ color 183.3980, 32.1350, 28.8630 looks on a white background.

Color Contrast Check

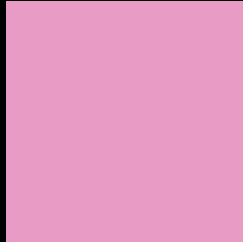
Large Text (above 18pt) WCAG AA × Fail

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 183.3980, 32.1350, 28.8630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

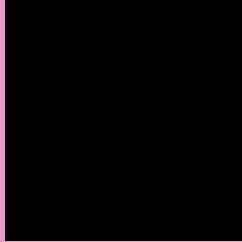
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 183.3980, 32.1350, 28.8630

Background



This preview shows how black text looks on a background with the YIQ color 183.3980, 32.1350, 28.8630.



This preview shows how white text looks on a background with the YIQ color 183.3980, 32.1350,

28.8630.

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

183.3980, 32.1350, 28.8630

Protanopia

180.2670, -13.5730, 9.2030

Deuteranopia

181.0640, 3.1160, 9.6120



Tritanopia

182.1130, 36.9510, 18.6710

Trichromacy



Original Color

183.3980, 32.1350, 28.8630

Protanomaly

181.2800, 2.7480, 16.2840

Deuteranomaly

181.5540, 13.6600, 16.7640

Tritanomaly

182.8510, 34.9330, 22.2050

Monochromacy



Original Color

183.3980, 32.1350, 28.8630

Achromatopsia

183.0000, -0.0000, -0.0000

Achromatomaly

183.0820, 11.8730, 10.6010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.3980, 32.1350, 28.8630 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(232, 156, 197)` looks like.

```
.text, #text, p{  
    color:rgb(232, 156, 197)  
}
```

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(232, 156, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 156, 197) }
```

Border

The CSS property to change the border of an element to YIQ 183.3980, 32.1350, 28.8630 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(232, 156, 197) }
```


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

```
.border{ border-color:rgb(232, 156, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 156, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 156, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 156, 197);  
box-shadow:4px 4px 4px 4px rgb(232, 156,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 183.3980, 32.1350, 28.8630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 156, 197) }
```

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

```
.background{ background-color: rgb(232,  
156, 197) }
```

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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