

Converting Colors

YIQ(181.4030, 33.7390, 32.8350)

Have a look what the booklet for
YIQ(181.4030, 33.7390, 32.8350)
contains.

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Color

**YIQ(181.4030, 33.7390,
32.8350)**

Conversions

Conversions Part 1

Format	Color
Hex	EA97C8
RGB	234, 151, 200
RGB Percent	92%, 59%, 78%
CMY	0.0821, 0.4080, 0.2156
CMYK	0.00, 0.35, 0.15, 0.08
HSL	325°, 66%, 75%
HSV	325°, 35%, 92%
XYZ	55.4400, 43.7956, 60.1900
YIQ	181.4030, 33.7390, 32.8350

Conversions

Conversions Part 2

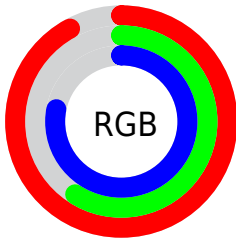
Format	Color
RYB	234, 151, 200
Decimal	15374280
CIELab	72.09, 38.06, -12.26
CIELCh	72, 39.985, 342.146
Yxy	43.7956, 0.3477, 0.2747
Android (android.graphics.Color)	4293564360 (0xFFEA97C8)
YUV	181.4030, 9.1683, 46.1276
Hunter-Lab	66.1782, 33.7243, -7.6003

Details

The YIQ color **181.4030, 33.7390, 32.8350** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **203.5970, -33.7390, -32.8350**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **226.2370, 13.4750, 25.6270**, and **127.0930, 31.6760, 31.6760** is the 20% darker color. If you saturate the color by 10%, you get **166.7620, 43.2740, 41.7540**, and if you desaturate by 10%, it is **196.0440, 24.2040, 23.9160**.

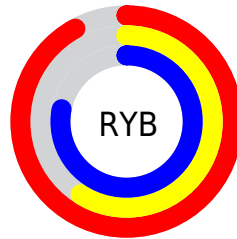
Distribution



Red (92%)

Green (59%)

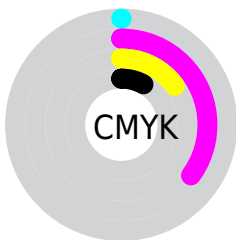
Blue (78%)



Red (92%)

Yellow (59%)

Blue (78%)

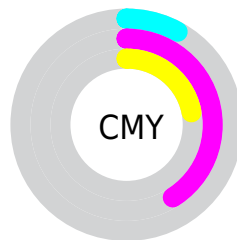


Cyan (0%)

Magenta (35%)

Yellow (15%)

Black (8%)



Cyan (8%)


Magenta (41%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 181.4030, 33.7390, 32.8350 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 181.4030, 33.7390, 32.8350 by changing the saturation by 10% instead.


 181.4030, 33.7390,
32.8350

 181.4030, 33.7390,
32.8350


255.0000, -0.0000,
-0.0000


 153.8050, 32.5470,
32.4110


 226.2370, 13.4750,
25.6270


 127.0930, 31.6760,
31.6760

 243.2600, 5.5000,
10.4600

 101.0820, 30.2090,
30.7290

 75.5980, 28.6960,
30.6160

 49.8260, 28.0540,
31.2380

 26.8150, 26.5870,
30.2910

 17.6580, 19.2990,

19.1950

■ 2.9900, 5.9600,
2.1200

■ 0.0000, 0.0000,
0.0000

■ 181.4030, 33.7390,
32.8350

■ 181.4030, 33.7390,
32.8350

■ 166.7620, 43.2740,
41.7540

■ 196.0440, 24.2040,
23.9160

■ 151.6480, 52.7630,
51.5070

■ 211.1580, 14.7150,
14.1630

■ 137.0070, 62.2980,
60.4260

■ 225.7990, 5.1800,
5.2440

■ 121.8930, 71.7870,
70.1790

■ 240.9130, -4.3090,
-4.5090

■ 107.2520, 81.3220,
79.0980

■ 247.9230,
-10.2690, -6.6290

■ 92.7250, 90.5360,
88.3280

■ 248.7210,
-12.5160, -4.4520

■ 85.6980, 95.1660,
92.5260

Harmonies

Analogous

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



181.2280, 0.4990, 29.5150



181.4030, 33.7390, 32.8350



179.6100, 54.7850, 25.8650

Triad

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



181.4030, 33.7390, 32.8350



172.5430, 28.2470, -21.8410



139.5280, -125.5750, -31.4870

Complementary

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



181.4030, 33.7390, 32.8350



203.5970, -33.7390, -32.8350

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.



148.7860, -91.3710, -34.6270



181.4030, 33.7390, 32.8350



168.3910, -3.8000, -30.2640

Square

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



181.4030, 33.7390, 32.8350



175.7080, 50.2520, -7.6360



161.5080, -43.7340, -33.4140



162.3310, -81.5190, -3.9110

Rectangle

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



181.4030, 33.7390, 32.8350



178.7380, 59.8760, 16.1960



161.5080, -43.7340, -33.4140



138.8610, -122.3190, -35.4310

Sweetspot

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



181.4030, 33.7390, 32.8350



237.3100, 11.2310, 11.2230



170.3290, -6.9750, 32.8090



117.2230, 6.9220, 6.7140



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.



181.4030, 33.7390, 32.8350



185.3000, 44.6950, 43.5350



176.7290, 46.9000, 20.0840



109.9730, 4.6300, 4.1980



66.3170, 73.5290, 71.6490



19.7940, 21.9120, 21.4000

Inverse Universe

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



181.4030, 33.7390, 32.8350



185.3000, 44.6950, 43.5350



208.2710, -46.9000, -20.0840



109.9730, 4.6300, 4.1980



66.3170, 73.5290, 71.6490



19.7940, 21.9120, 21.4000

Previews

White Background



This preview shows how the YIQ color 181.4030, 33.7390, 32.8350 looks on a white background.

Color Contrast Check

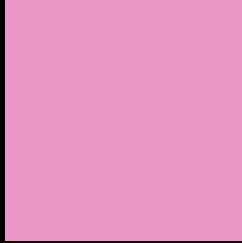
Large Text (above 18pt) WCAG AA × Fail

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 181.4030, 33.7390, 32.8350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

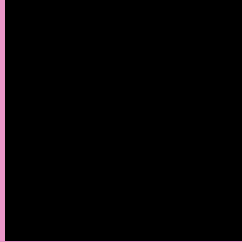
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 181.4030, 33.7390, 32.8350

Background



This preview shows how black text looks on a background with the YIQ color 181.4030, 33.7390, 32.8350.



This preview shows how white text looks on a background with the YIQ color 181.4030, 33.7390,

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

181.4030, 33.7390, 32.8350

Protanopia

177.5810, -17.3330, 11.2670

Deuteranopia

178.6230, 0.0440, 10.2200



Tritanopia

180.1950, 39.6560, 19.2080

Trichromacy



Original Color

181.4030, 33.7390, 32.8350



Protanomaly

178.7900, 1.3720, 19.1960



Deuteranomaly

179.4230, 12.6510, 18.5310



Tritanomaly

180.5740, 37.2710, 23.8870

Monochromacy



Original Color

181.4030, 33.7390, 32.8350



Achromatopsia

181.0000, -0.0000, 0.0000



Achromatomaly

181.0220, 12.1020, 11.9580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.4030, 33.7390, 32.8350 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, 151, 200)` looks like.

```
.text, #text, p{  
    color:rgb(234, 151, 200)  
}
```

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, 151, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 151, 200) }
```

Border

The CSS property to change the border of an element to YIQ 181.4030, 33.7390, 32.8350 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, 151, 200) }
```


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

```
.border{ border-color:rgb(234, 151, 200) }
```

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

Here you see how a box with a 4 pixel rgb(234, 151, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 151, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 151, 200);  
box-shadow:4px 4px 4px 4px rgb(234, 151,  
200) }
```

Background

The CSS property to change the background color of an element to YIQ 181.4030, 33.7390, 32.8350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 151, 200) }
```

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

```
.background{ background-color: rgb(234,  
151, 200) }
```

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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