

Converting Colors

YIQ(171.3230, 36.7200, 28.3680)

Have a look what the booklet for
YIQ(171.3230, 36.7200, 28.3680)
contains.

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Color

**YIQ(171.3230, 36.7200,
28.3680)**

Conversions

Conversions Part 1

Format	Color
Hex	E08FB3
RGB	224, 143, 179
RGB Percent	88%, 56%, 70%
CMY	0.1214, 0.4393, 0.2979
CMYK	0.00, 0.36, 0.20, 0.12
HSL	333°, 57%, 72%
HSV	333°, 36%, 88%
XYZ	48.7146, 38.7467, 47.5751
YIQ	171.3230, 36.7200, 28.3680

Conversions

Conversions Part 2

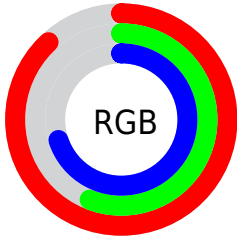
Format	Color
R_{YB}	224, 143, 179
Decimal	14716851
CIE _{Lab}	68.57, 35.62, -5.96
CIE _{LCh}	69, 36.119, 350.504
Yxy	38.7467, 0.3608, 0.2869
Android (android.graphics.Color)	4292906931 (0xFFE08FB3)
YUV	171.3230, 3.7848, 46.1977
Hunter-Lab	62.2468, 30.7627, -1.7424

Details

The YIQ color **171.3230, 36.7200, 28.3680** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **195.6770, -36.7200, -28.3680**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **219.2610, 22.0950, 23.5910**, and **117.7140, 34.0610, 26.9970** is the 20% darker color. If you saturate the color by 10%, you get **157.0410, 46.6220, 36.1420**, and if you desaturate by 10%, it is **185.6050, 26.8180, 20.5940**.

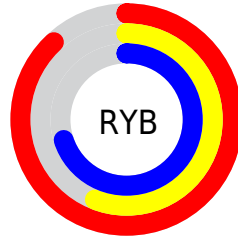
Distribution



Red (88%)

Green (56%)

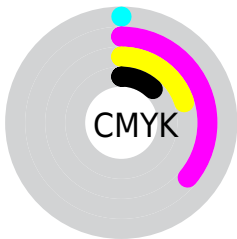
Blue (70%)



Red (88%)

Yellow (56%)

Blue (70%)

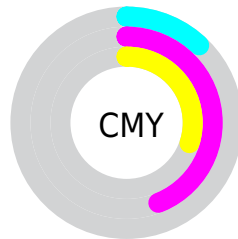


Cyan (0%)

Magenta (36%)

Yellow (20%)

Black (12%)



Cyan (12%)


Magenta (44%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 171.3230, 36.7200, 28.3680 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 171.3230, 36.7200, 28.3680 by changing the saturation by 10% instead.


 171.3230, 36.7200,
28.3680

 171.3230, 36.7200,
28.3680


255.0000, -0.0000,
-0.0000


 144.3120, 35.2530,
27.4210


 219.2610, 22.0950,
23.5910

 117.7140, 34.0610,
26.9970

 237.9770, 7.9750,
15.1670

 92.1160, 32.8690,
26.5730

 66.6320, 31.3560,
26.4600

 41.0880, 30.0720,
27.7040

 22.3000, 26.3590,
23.4070

 13.3990, 21.2260,

11.8020

■ 0.0000, 0.0000,
0.0000

■ 171.3230, 36.7200,
28.3680

■ 171.3230, 36.7200,
28.3680

■ 157.0410, 46.6220,
36.1420

■ 185.6050, 26.8180,
20.5940

■ 142.0580, 57.1200,
44.1280

■ 200.5880, 16.3200,
12.6080

■ 127.7760, 67.0220,
51.9020

■ 214.8700, 6.4180,
4.8340

■ 112.7930, 77.5200,
59.8880

■ 229.8530, -4.0800,
-3.1520

■ 98.5110, 87.4220,
67.6620

■ 244.1350,
-13.9820, -10.9260

■ 84.1150, 97.6450,
75.1250

■ 245.6170,
-18.1550, -6.8830

■ 78.3760, 101.4040,
78.5880

■ 245.7310,
-18.4760, -6.5720

Harmonies

Analogous

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



171.6650, 9.3940, 28.0020



171.3230, 36.7200, 28.3680



169.6540, 51.4850, 19.5890

Triad

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



171.3230, 36.7200, 28.3680



162.5680, 17.9310, -22.1090



145.6360, -90.2280, -16.7880

Complementary

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



171.3230, 36.7200, 28.3680



195.6770, -36.7200, -28.3680

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.



143.2970, -85.3200, -28.6480



171.3230, 36.7200, 28.3680



158.4810, -12.7410, -27.9170

Square

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



171.3230, 36.7200, 28.3680



166.0380, 40.3950, -10.7170



151.6910, -48.5030, -29.5830



159.2690, -60.6130, 2.6750

Rectangle

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



171.3230, 36.7200, 28.3680



168.2270, 53.8250, 10.2170



151.6910, -48.5030, -29.5830



142.3100, -95.3620, -22.8660

Sweetspot

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



171.3230, 36.7200, 28.3680



236.7400, 12.8360, 9.6680



165.6890, 0.8190, 34.7310



116.8810, 7.8850, 5.7810



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.



171.3230, 36.7200, 28.3680



183.4760, 49.8310, 38.5590



169.5670, 47.1760, 15.0800



104.8590, 4.9510, 3.8870



61.5160, 79.8580, 61.5700



16.8600, 21.5460, 17.0180

Inverse Universe

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



171.3230, 36.7200, 28.3680



183.4760, 49.8310, 38.5590



197.4330, -47.1760, -15.0800



104.8590, 4.9510, 3.8870



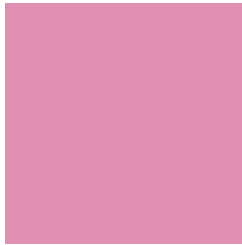
61.5160, 79.8580, 61.5700



16.8600, 21.5460, 17.0180

Previews

White Background



This preview shows how the YIQ color 171.3230, 36.7200, 28.3680 looks on a white background.

Color Contrast Check

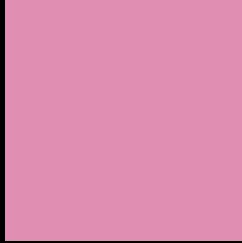
Large Text (above 18pt) WCAG AA × Fail

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 171.3230, 36.7200, 28.3680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

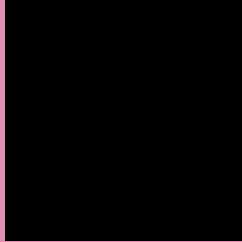
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 171.3230, 36.7200, 28.3680

Background



This preview shows how black text looks on a background with the YIQ color 171.3230, 36.7200, 28.3680.



This preview shows how white text looks on a background with the YIQ color 171.3230, 36.7200,

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

171.3230, 36.7200, 28.3680

Protanopia

168.2950, -10.7760, 8.0720

Deuteranopia

169.5650, 5.9590, 7.6470



Tritanopia

170.6790, 41.1690, 19.3210

Trichromacy



Original Color

171.3230, 36.7200, 28.3680

Protanomaly

169.6070, 6.1410, 15.3650

Deuteranomaly

170.3540, 17.0990, 15.0110

Tritanomaly

171.3030, 39.4720, 22.5440

Monochromacy



Original Color

171.3230, 36.7200, 28.3680

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

171.1530, 13.1110, 10.1910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.3230, 36.7200, 28.3680 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(224, 143, 179)` looks like.

```
.text, #text, p{  
    color:rgb(224, 143, 179)  
}
```

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(224, 143, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 143, 179) }
```

Border

The CSS property to change the border of an element to YIQ 171.3230, 36.7200, 28.3680 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(224, 143, 179) }
```


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

```
.border{ border-color:rgb(224, 143, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 143, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 143, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 143, 179);  
box-shadow:4px 4px 4px 4px rgb(224, 143,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 171.3230, 36.7200, 28.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 143, 179) }
```

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

```
.background{ background-color: rgb(224,  
143, 179) }
```

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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