

Converting Colors

YIQ(175.5990, 36.1230, 33.6830)

Have a look what the booklet for
YIQ(175.5990, 36.1230, 33.6830)
contains.

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Color

**YIQ(175.5990, 36.1230,
33.6830)**

Conversions

Conversions Part 1

Format	Color
Hex	E790C1
RGB	231, 144, 193
RGB Percent	91%, 56%, 76%
CMY	0.0939, 0.4354, 0.2430
CMYK	0.00, 0.38, 0.16, 0.09
HSL	326°, 65%, 74%
HSV	326°, 38%, 91%
XYZ	52.5709, 40.7859, 55.5695
YIQ	175.5990, 36.1230, 33.6830

Conversions

Conversions Part 2

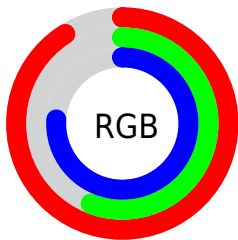
Format	Color
R _Y B	231, 144, 193
Decimal	15175873
CIE Lab	70.03, 39.63, -11.51
CIE LCh	70, 41.267, 343.806
Yxy	40.7859, 0.3530, 0.2739
Android (android.graphics.Color)	4293365953 (0xFFE790C1)
YUV	175.5990, 8.5787, 48.5867
Hunter-Lab	63.8639, 35.1744, -6.8849

Details

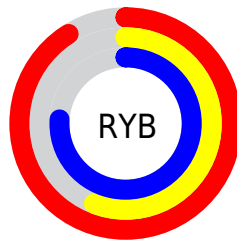
The YIQ color **175.5990, 36.1230, 33.6830** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **199.4010, -36.1230, -33.6830**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **221.4440, 17.3260, 27.4220**, and **121.8760, 33.7850, 32.0010** is the 20% darker color. If you saturate the color by 10%, you get **160.9580, 45.6580, 42.6020**, and if you desaturate by 10%, it is **190.2400, 26.5880, 24.7640**.

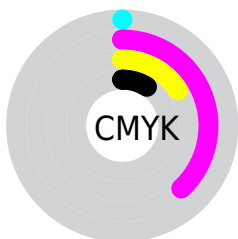
Distribution



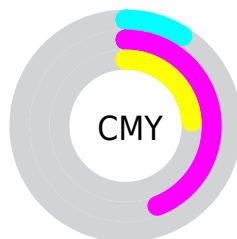
- Red (91%)
- Green (56%)
- Blue (76%)



- Red (91%)
- Yellow (56%)
- Blue (76%)



- Cyan (0%)
- Magenta (38%)
- Yellow (16%)
- Black (9%)





- Cyan (9%)
- Magenta (44%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 175.5990, 36.1230, 33.6830 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 175.5990, 36.1230, 33.6830 by changing the saturation by 10% instead.

 175.5990, 36.1230,
33.6830


 175.5990, 36.1230,
33.6830


255.0000, -0.0000,
-0.0000


 148.0010, 34.9310,
33.2590


 221.4440, 17.3260,
27.4220


 121.8760, 33.7850,
32.0010

 239.1510, 7.4250,
14.1210

 95.3920, 32.2720,
31.8880

 69.7940, 31.0800,
31.4640

 42.9620, 30.6670,
33.4430

 25.0490, 25.8080,
27.8880

 16.4900, 19.7120,

17.2160

■ 0.0000, 0.0000,
0.0000

■ 175.5990, 36.1230,
33.6830

■ 175.5990, 36.1230,
33.6830

■ 160.9580, 45.6580,
42.6020

■ 190.2400, 26.5880,
24.7640

■ 146.3170, 55.1930,
51.5210

■ 204.8810, 17.0530,
15.8450

■ 131.6760, 64.7280,
60.4400

■ 219.5220, 7.5180,
6.9260

■ 117.0350, 74.2630,
69.3590

■ 234.1630, -2.0170,
-1.9930

■ 101.8070, 84.0730,
78.8010

■ 246.4560,
-10.4520, -8.8200

■ 87.0520, 93.9290,
87.4090

■ 247.7100,
-13.9830, -5.3990

■ 83.8890, 95.9460,
89.4020

■ 247.8240,
-14.3040, -5.0880

Harmonies

Analogous

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



175.5380, 2.5620, 30.6740



175.5990, 36.1230, 33.6830



173.9800, 56.6190, 25.6670

Triad

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



175.5990, 36.1230, 33.6830



166.4180, 27.1010, -23.0990



135.6640, -122.9620, -29.2820

Complementary

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



175.5990, 36.1230, 33.6830



199.4010, -36.1230, -33.6830

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.



133.5490, -112.8730, -41.4250



175.5990, 36.1230, 33.6830



161.8960, -6.7800, -31.3240

Square

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



175.5990, 36.1230, 33.6830



170.0670, 50.6190, -8.7810



154.5290, -48.2270, -34.5870



155.3630, -84.5450, -4.1370

Rectangle

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



175.5990, 36.1230, 33.6830



172.6950, 61.4350, 15.4750



154.5290, -48.2270, -34.5870



135.6980, -120.3020, -33.4380

Sweetspot

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



175.5990, 36.1230, 33.6830



237.1960, 11.5520, 10.9120



165.2800, -5.2790, 35.1130



117.1090, 7.2430, 6.4030



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.



175.5990, 36.1230, 33.6830



181.7950, 47.6750, 44.5950



170.6970, 49.9260, 20.3100



107.3860, 4.9050, 4.7210



65.0350, 74.2630, 69.3590



18.5550, 21.0870, 19.8310

Inverse Universe

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



175.5990, 36.1230, 33.6830



181.7950, 47.6750, 44.5950



204.3030, -49.9260, -20.3100



107.3860, 4.9050, 4.7210



65.0350, 74.2630, 69.3590



18.5550, 21.0870, 19.8310

Previews

White Background



This preview shows how the YIQ color 175.5990, 36.1230, 33.6830 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 175.5990, 36.1230, 33.6830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

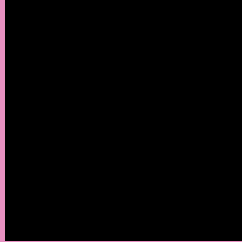
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 175.5990, 36.1230, 33.6830

Background



This preview shows how black text looks on a background with the YIQ color 175.5990, 36.1230, 33.6830.



This preview shows how white text looks on a background with the YIQ color 175.5990, 36.1230,

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

175.5990, 36.1230, 33.6830

Protanopia

172.1680, -17.6080, 10.7440

Deuteranopia

173.3950, 0.6860, 9.5980



Tritanopia

174.5760, 42.9570, 19.9570

Trichromacy



Original Color

175.5990, 36.1230, 33.6830



Protanomaly

173.6760, 1.6930, 18.8850



Deuteranomaly

174.4940, 13.8890, 18.1210



Tritanomaly

175.0690, 40.2510, 24.9470

Monochromacy



Original Color

175.5990, 36.1230, 33.6830



Achromatopsia

176.0000, -0.0000, -0.0000



Achromatomaly

175.6200, 13.2940, 12.3820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.5990, 36.1230, 33.6830 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(231, 144, 193)` looks like.

```
.text, #text, p{  
    color:rgb(231, 144, 193)  
}
```

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(231, 144, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 144, 193) }
```

Border

The CSS property to change the border of an element to YIQ 175.5990, 36.1230, 33.6830 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(231, 144, 193) }
```


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

```
.border{ border-color:rgb(231, 144, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 144, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 144, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 144, 193);  
box-shadow:4px 4px 4px 4px rgb(231, 144,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 175.5990, 36.1230, 33.6830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 144, 193) }
```

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

```
.background{ background-color: rgb(231,  
144, 193) }
```

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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