

Converting Colors

YIQ(199.1790, 28.5580, 33.1180)

Have a look what the booklet for
YIQ(199.1790, 28.5580, 33.1180)
contains.

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Color

**YIQ(199.1790, 28.5580,
33.1180)**

Conversions

Conversions Part 1

Format	Color
Hex	F7AAE0
RGB	247, 170, 224
RGB Percent	97%, 67%, 88%
CMY	0.0312, 0.3334, 0.1215
CMYK	0.00, 0.31, 0.09, 0.03
HSL	318°, 83%, 82%
HSV	318°, 31%, 97%
XYZ	66.2030, 53.9044, 77.4493
YIQ	199.1790, 28.5580, 33.1180

Conversions

Conversions Part 2

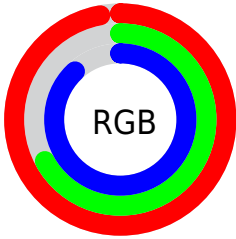
Format	Color
R _Y B	247, 170, 224
Decimal	16231136
CIE Lab	78.41, 36.29, -15.76
CIE LCh	78, 39.570, 336.524
Yxy	53.9044, 0.3351, 0.2729
Android (android.graphics.Color)	4294421216 (0xFFF7AAE0)
YUV	199.1790, 12.2368, 41.9390
Hunter-Lab	73.4196, 32.4704, -11.1504

Details

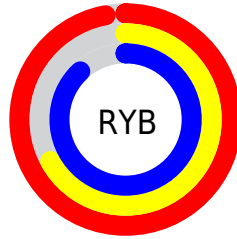
The YIQ color $199.1790, 28.5580, 33.1180$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $217.8210, -28.5580, -33.1180$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $237.9770, 7.9750, 15.1670$, and $144.7550, 26.8160, 31.6480$ is the 20% darker color. If you saturate the color by 10%, you get $183.7060, 37.6800, 44.0160$, and if you desaturate by 10%, it is $214.6520, 19.4360, 22.2200$.

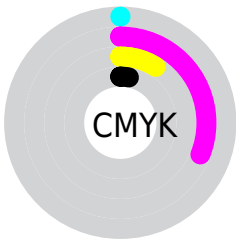
Distribution



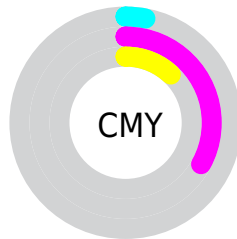
- Red (97%)
- Green (67%)
- Blue (88%)



- Red (97%)
- Yellow (67%)
- Blue (88%)



- Cyan (0%)
- Magenta (31%)
- Yellow (9%)
- Black (3%)



- Cyan (3%)
- Magenta (33%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.1790, 28.5580, 33.1180 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 199.1790, 28.5580, 33.1180 by changing the saturation by 10% instead.

199.1790, 28.5580,
33.1180

199.1790, 28.5580,
33.1180

255.0000, -0.0000,
-0.0000

171.4670, 27.6870,
32.3830

237.9770, 7.9750,
15.1670

144.7550, 26.8160,
31.6480

118.0430, 25.9450,
30.9130

92.4450, 24.7530,
30.4890

67.4340, 23.2860,
29.5420

41.9610, 23.2400,
30.3760

22.5860, 19.8020,

26.6020

■ 13.9130, 14.0270,
15.6190

■ 0.0000, 0.0000,
0.0000

■ 199.1790, 28.5580,
33.1180

■ 199.1790, 28.5580,
33.1180

■ 183.7060, 37.6800,
44.0160

■ 214.6520, 19.4360,
22.2200

■ 168.7060, 46.8480,
54.0800

■ 229.6520, 10.2680,
12.1560

■ 153.2330, 55.9700,
64.9780

■ 245.1250, 1.1460,
1.2580

■ 137.6460, 65.4130,
75.5650

■ 252.4940, -4.4470,
-2.0070

■ 122.1730, 74.5350,
86.4630

■ 252.6080, -4.7680,
-1.6960

■ 107.2870, 83.3820,
96.8380

■ 93.5750, 91.6790,
106.1670

Harmonies

Analogous

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



198.1670, -6.6990, 27.8050



199.1790, 28.5580, 33.1180



195.0050, 46.3030, 25.3990

Triad

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



199.1790, 28.5580, 33.1180



190.6470, 33.8860, -19.4100



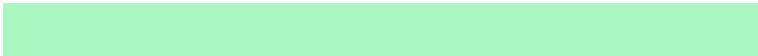
166.7110, -103.9810, -26.3570

Complementary

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



199.1790, 28.5580, 33.1180



217.8210, -28.5580, -33.1180

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.



172.1530, -76.2870, -32.6630



199.1790, 28.5580, 33.1180



186.7400, 2.5270, -29.2890

Square

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



199.1790, 28.5580, 33.1180



193.9690, 54.0110, -4.1730



180.1130, -35.2520, -32.9480



178.0980, -82.4810, -8.5050

Rectangle

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



199.1790, 28.5580, 33.1180



193.4430, 53.4570, 16.8890



180.1130, -35.2520, -32.9480



166.9410, -98.9370, -29.6650

Sweetspot

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



199.1790, 28.5580, 33.1180



240.7010, 8.5720, 9.8520



185.3560, -11.6050, 28.6110



118.6250, 5.7300, 6.2900



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.



199.1790, 28.5580, 33.1180



196.6300, 34.8380, 40.4540



194.9610, 40.4350, 21.6110



114.6140, 4.2630, 5.3430



70.5480, 68.8050, 80.1730



22.3150, 22.0030, 25.2590

Inverse Universe

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



199.1790, 28.5580, 33.1180



196.6300, 34.8380, 40.4540



222.0390, -40.4350, -21.6110



114.6140, 4.2630, 5.3430



70.5480, 68.8050, 80.1730



22.3150, 22.0030, 25.2590

Previews

White Background



This preview shows how the YIQ color 199.1790, 28.5580, 33.1180 looks on a white background.

Color Contrast Check

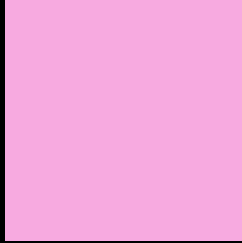
Large Text (above 18pt) WCAG AA × Fail

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 199.1790, 28.5580, 33.1180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

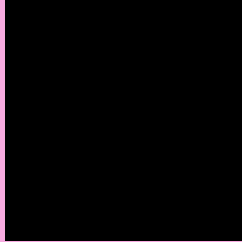
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.1790, 28.5580, 33.1180

Background



This preview shows how black text looks on a background with the YIQ color 199.1790, 28.5580, 33.1180.



This preview shows how white text looks on a background with the YIQ color 199.1790, 28.5580,

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

199.1790, 28.5580, 33.1180

Protanopia

194.9660, -19.8550, 12.9210

Deuteranopia

196.1220, -2.7990, 12.1850



Tritanopia

197.6290, 35.4380, 18.5580

Trichromacy



Original Color

199.1790, 28.5580, 33.1180



Protanomaly

196.5770, -2.3420, 20.4260



Deuteranomaly

197.2100, 8.9370, 19.7610



Tritanomaly

198.1220, 32.7320, 23.5480

Monochromacy



Original Color

199.1790, 28.5580, 33.1180



Achromatopsia

199.0000, -0.0000, 0.0000



Achromatomaly

198.6520, 10.2680, 12.1560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.1790, 28.5580, 33.1180 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(247, 170, 224)` looks like.

```
.text, #text, p{  
    color:rgb(247, 170, 224)  
}
```

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(247, 170, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 170, 224) }
```

Border

The CSS property to change the border of an element to YIQ 199.1790, 28.5580, 33.1180 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(247, 170, 224) }
```


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

```
.border{ border-color:rgb(247, 170, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 170, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 170, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 170, 224);  
box-shadow:4px 4px 4px 4px rgb(247, 170,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 199.1790, 28.5580, 33.1180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 170, 224) }
```

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

```
.background{ background-color: rgb(247,  
170, 224) }
```

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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