

Converting Colors

YIQ(179.7170, 29.9790, 34.8990)

Have a look what the booklet for
YIQ(179.7170, 29.9790, 34.8990)
contains.

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Color

**YIQ(179.7170, 29.9790,
34.8990)**

Conversions

Conversions Part 1

Format	Color
Hex	E695CE
RGB	230, 149, 206
RGB Percent	90%, 58%, 81%
CMY	0.0978, 0.4158, 0.1921
CMYK	0.00, 0.35, 0.10, 0.10
HSL	318°, 62%, 74%
HSV	318°, 35%, 90%
XYZ	54.5368, 42.7740, 63.7865
YIQ	179.7170, 29.9790, 34.8990

Conversions

Conversions Part 2

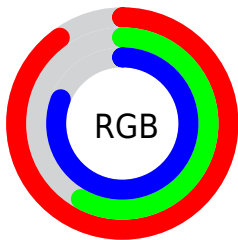
Format	Color
R _Y B	230, 149, 206
Decimal	15111630
CIE _{Lab}	71.40, 38.75, -16.66
CIE _{LCh}	71, 42.181, 336.743
Yxy	42.7740, 0.3385, 0.2655
Android (android.graphics.Color)	4293301710 (0xFFE695CE)
YUV	179.7170, 12.9575, 44.0982
Hunter-Lab	65.4018, 34.3932, -12.0444

Details

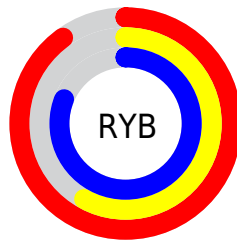
The YIQ color **179.7170, 29.9790, 34.8990** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **199.2830, -29.9790, -34.8990**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.0630, 14.0250, 26.6730**, and **125.9940, 27.6410, 33.2170** is the 20% darker color. If you saturate the color by 10%, you get **165.4180, 38.5510, 44.7510**, and if you desaturate by 10%, it is **194.0160, 21.4070, 25.0470**.

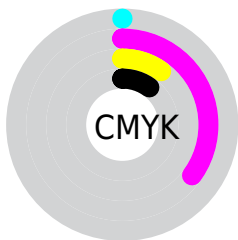
Distribution



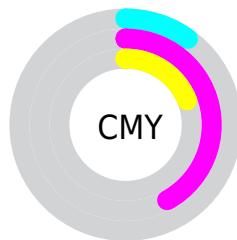
- Red (90%)
- Green (58%)
- Blue (81%)



- Red (90%)
- Yellow (58%)
- Blue (81%)



- Cyan (0%)
- Magenta (35%)
- Yellow (10%)
- Black (10%)



- Cyan (10%)
- Magenta (42%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.7170, 29.9790, 34.8990 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 179.7170, 29.9790, 34.8990 by changing the saturation by 10% instead.

179.7170, 29.9790,
34.8990

179.7170, 29.9790,
34.8990

255.0000, -0.0000,
-0.0000

152.0050, 29.1080,
34.1640

225.0630, 14.0250,
26.6730

125.4070, 27.9160,
33.7400

242.0860, 6.0500,
11.5060

99.6950, 27.0450,
33.0050

74.0970, 25.8530,
32.5810

48.3250, 25.2110,
33.2030

26.4880, 23.1940,
31.2100

17.5160, 16.8230,

20.0150

■ 1.1680, -0.4130,
1.9790

■ 0.0000, 0.0000,
0.0000

■ 179.7170, 29.9790,
34.8990

■ 179.7170, 29.9790,
34.8990

■ 165.4180, 38.5510,
44.7510

■ 194.0160, 21.4070,
25.0470

■ 151.1190, 47.1230,
54.6030

■ 208.3150, 12.8350,
15.1950

■ 136.9340, 55.3740,
64.7660

■ 222.5000, 4.5840,
5.0320

■ 122.6350, 63.9460,
74.6180

■ 236.7990, -3.9880,
-4.8200

■ 108.3360, 72.5180,
84.4700

■ 245.8150,
-10.0850, -9.9650

■ 94.0370, 81.0900,
94.3220

■ 246.6130,
-12.3320, -7.7880

■ 87.2380, 85.0780,
99.1420

■ 247.4110,
-14.5790, -5.6110

■ 247.5250,
-14.9000, -5.3000

Harmonies

Analogous

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



178.9220, -7.3870, 29.2610



179.7170, 29.9790, 34.8990



177.8320, 54.2800, 29.5120

Triad

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



179.7170, 29.9790, 34.8990



170.8920, 34.5740, -20.8660



138.3710, -123.6950, -32.5190

Complementary

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



179.7170, 29.9790, 34.8990



199.2830, -29.9790, -34.8990

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.



143.6990, -95.6800, -39.1360



179.7170, 29.9790, 34.8990



166.8000, 2.2980, -30.6460

Square

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



179.7170, 29.9790, 34.8990



174.0400, 55.2490, -4.5830



159.7920, -38.7820, -35.0540



152.6490, -100.2700, -11.0060

Rectangle

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



179.7170, 29.9790, 34.8990



176.6290, 61.8010, 19.8570



159.7920, -38.7820, -35.0540



138.1770, -120.3930, -37.2970

Sweetspot

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



179.7170, 29.9790, 34.8990



237.6520, 10.2680, 12.1560



165.1110, -12.2930, 30.0670



117.4510, 6.2800, 7.3360



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.



179.7170, 29.9790, 34.8990



188.5430, 39.6970, 46.0090



175.2710, 42.4980, 22.7700



107.5000, 4.5840, 5.0320



67.8850, 66.2380, 77.1340



19.3530, 18.8400, 22.0080

Inverse Universe

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



179.7170, 29.9790, 34.8990



188.5430, 39.6970, 46.0090



203.7290, -42.4980, -22.7700



107.5000, 4.5840, 5.0320



67.8850, 66.2380, 77.1340



19.3530, 18.8400, 22.0080

Previews

White Background



This preview shows how the YIQ color 179.7170, 29.9790, 34.8990 looks on a white background.

Color Contrast Check

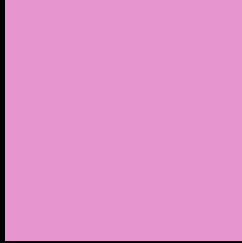
Large Text (above 18pt) WCAG AA × Fail

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 179.7170, 29.9790, 34.8990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

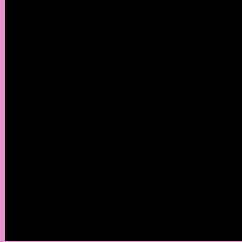
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 179.7170, 29.9790, 34.8990

Background



This preview shows how black text looks on a background with the YIQ color 179.7170, 29.9790, 34.8990.



This preview shows how white text looks on a background with the YIQ color 179.7170, 29.9790,

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

179.7170, 29.9790, 34.8990

Protanopia

175.7100, -22.0100, 13.4300

Deuteranopia

176.9260, -5.1830, 11.3370



Tritanopia

178.2980, 37.8680, 18.5720

Trichromacy



Original Color

179.7170, 29.9790, 34.8990



Protanomaly

176.9190, -3.3050, 21.3590



Deuteranomaly

178.0250, 8.0200, 19.8600



Tritanomaly

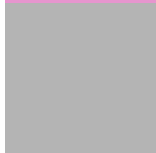
178.4320, 34.7950, 24.7070

Monochromacy



Original Color

179.7170, 29.9790, 34.8990



Achromatopsia

180.0000, -0.0000, -0.0000



Achromatomaly

179.9510, 10.8640, 12.3680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.7170, 29.9790, 34.8990 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(230, 149, 206)` looks like.

```
.text, #text, p{  
    color:rgb(230, 149, 206)  
}
```

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(230, 149, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 149, 206) }
```

Border

The CSS property to change the border of an element to YIQ 179.7170, 29.9790, 34.8990 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(230, 149, 206) }
```


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

```
.border{ border-color:rgb(230, 149, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 149, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 149, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 149, 206);  
box-shadow:4px 4px 4px 4px rgb(230, 149,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 179.7170, 29.9790, 34.8990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 149, 206) }
```

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

```
.background{ background-color: rgb(230,  
149, 206) }
```

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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