

Converting Colors

YIQ(190.3640, 29.4750, 33.0190)

Have a look what the booklet for
YIQ(190.3640, 29.4750, 33.0190)
contains.

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Color

**YIQ(190.3640, 29.4750,
33.0190)**

Conversions

Conversions Part 1

Format	Color
Hex	EFA1D6
RGB	239, 161, 214
RGB Percent	94%, 63%, 84%
CMY	0.0625, 0.3687, 0.1607
CMYK	0.00, 0.33, 0.10, 0.06
HSL	319°, 71%, 78%
HSV	319°, 33%, 94%
XYZ	60.4947, 48.6948, 69.8419
YIQ	190.3640, 29.4750, 33.0190

Conversions

Conversions Part 2

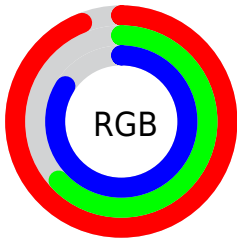
Format	Color
R _Y B	239, 161, 214
Decimal	15704534
CIE Lab	75.26, 36.73, -15.14
CIE LCh	75, 39.724, 337.601
Yxy	48.6948, 0.3379, 0.2720
Android (android.graphics.Color)	4293894614 (0xFFEFA1D6)
YUV	190.3640, 11.6525, 42.6538
Hunter-Lab	69.7816, 32.6262, -10.4940

Details

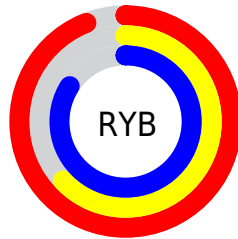
The YIQ color **190.3640, 29.4750, 33.0190** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **209.6360, -29.4750, -33.0190**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **232.6940, 10.4500, 19.8740**, and **135.9400, 27.7330, 31.5490** is the 20% darker color. If you saturate the color by 10%, you get **175.3640, 38.6430, 43.0830**, and if you desaturate by 10%, it is **205.3640, 20.3070, 22.9550**.

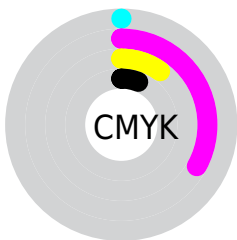
Distribution



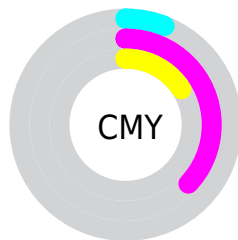
- Red (94%)
- Green (63%)
- Blue (84%)



- Red (94%)
- Yellow (63%)
- Blue (84%)



- Cyan (0%)
- Magenta (33%)
- Yellow (10%)
- Black (6%)





- Cyan (6%)
- Magenta (37%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 190.3640, 29.4750, 33.0190 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 190.3640, 29.4750, 33.0190 by changing the saturation by 10% instead.

 190.3640, 29.4750,
33.0190


 190.3640, 29.4750,
33.0190


255.0000, -0.0000,
-0.0000


 162.6520, 28.6040,
32.2840


 232.6940, 10.4500,
19.8740


 135.9400, 27.7330,
31.5490

 249.1300, 2.7500,
5.2300

 109.9290, 26.2660,
30.6020

 84.3310, 25.0740,
30.1780

 59.0320, 24.4780,
29.9660

 32.4990, 24.6610,
32.1570

 19.8800, 18.7940,

22.8420

■ 9.5980, 10.3600,
10.4880

■ 0.0000, 0.0000,
0.0000

■ 190.3640, 29.4750,
33.0190

■ 190.3640, 29.4750,
33.0190

■ 175.3640, 38.6430,
43.0830

■ 205.3640, 20.3070,
22.9550

■ 160.4780, 47.4900,
53.4580

■ 220.2500, 11.4600,
12.5800

■ 145.4780, 56.6580,
63.5220

■ 235.2500, 2.2920,
2.5160

■ 130.4780, 65.8260,
73.5860

■ 249.0760, -6.3260,
-6.5020

■ 115.5920, 74.6730,
83.9610

■ 249.8740, -8.5730,
-4.3250

■ 101.1790, 83.5660,
93.5020

■ 250.2160, -9.5360,
-3.3920

■ 89.9290, 90.4420,
101.0500

Harmonies

Analogous

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



189.0640, -4.9110, 28.4410



190.3640, 29.4750, 33.0190



188.5820, 51.9880, 26.9960

Triad

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



190.3640, 29.4750, 33.0190



181.7500, 32.0980, -20.0460



154.2370, -111.4540, -28.5900

Complementary

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



190.3640, 29.4750, 33.0190



209.6360, -29.4750, -33.0190

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.



161.8860, -79.9090, -33.1010



190.3640, 29.4750, 33.0190



177.5550, 1.6100, -29.1900

Square

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



190.3640, 29.4750, 33.0190



185.2570, 53.1400, -4.9080



171.6290, -36.7650, -33.0610



169.4830, -85.0030, -6.8510

Rectangle

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



190.3640, 29.4750, 33.0190



187.0200, 59.1420, 18.4860



171.6290, -36.7650, -33.0610



154.4670, -106.4100, -31.8980

Sweetspot

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



190.3640, 29.4750, 33.0190



239.4130, 9.4430, 10.5870



177.3670, -10.1380, 29.5580



118.0380, 6.0050, 6.8130



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.



190.3640, 29.4750, 33.0190



193.2390, 37.4970, 41.8250



185.9180, 41.9940, 20.8900



112.5000, 4.5840, 5.0320



69.2660, 69.5390, 77.8830



21.0760, 21.1780, 23.6900

Inverse Universe

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



190.3640, 29.4750, 33.0190



193.2390, 37.4970, 41.8250



214.0820, -41.9940, -20.8900



112.5000, 4.5840, 5.0320



69.2660, 69.5390, 77.8830



21.0760, 21.1780, 23.6900

Previews

White Background



This preview shows how the YIQ color 190.3640, 29.4750, 33.0190 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 190.3640, 29.4750, 33.0190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

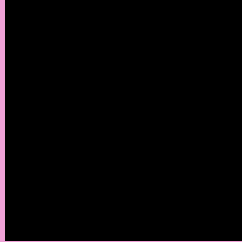
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 190.3640, 29.4750, 33.0190

Background



This preview shows how black text looks on a background with the YIQ color 190.3640, 29.4750, 33.0190.



This preview shows how white text looks on a background with the YIQ color 190.3640, 29.4750,

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

190.3640, 29.4750, 33.0190

Protanopia

186.4390, -19.8090, 12.0870

Deuteranopia

187.5950, -2.7530, 11.3510



Tritanopia

188.8140, 36.3550, 18.4590

Trichromacy



Original Color

190.3640, 29.4750, 33.0190



Protanomaly

188.0500, -2.2960, 19.5920



Deuteranomaly

188.6830, 8.9830, 18.9270



Tritanomaly

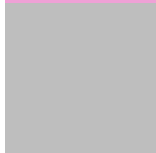
189.3070, 33.6490, 23.4490

Monochromacy



Original Color

190.3640, 29.4750, 33.0190



Achromatopsia

190.0000, -0.0000, -0.0000



Achromatomaly

189.9510, 10.8640, 12.3680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.3640, 29.4750, 33.0190 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(239, 161, 214)` looks like.

```
.text, #text, p{  
    color:rgb(239, 161, 214)  
}
```

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(239, 161, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 161, 214) }
```

Border

The CSS property to change the border of an element to YIQ 190.3640, 29.4750, 33.0190 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(239, 161, 214) }
```


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

```
.border{ border-color:rgb(239, 161, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 161, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 161, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 161, 214);  
box-shadow:4px 4px 4px 4px rgb(239, 161,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 190.3640, 29.4750, 33.0190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 161, 214) }
```

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

```
.background{ background-color: rgb(239,  
161, 214) }
```

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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