

Converting Colors

YIQ(175.9890, 35.2050, 39.3090)

Have a look what the booklet for
YIQ(175.9890, 35.2050, 39.3090)
contains.

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Color

**YIQ(175.9890, 35.2050,
39.3090)**

Conversions

Conversions Part 1

Format	Color
Hex	EA8DCC
RGB	234, 141, 204
RGB Percent	92%, 55%, 80%
CMY	0.0821, 0.4472, 0.1999
CMYK	0.00, 0.40, 0.13, 0.08
HSL	319°, 69%, 74%
HSV	319°, 40%, 92%
XYZ	54.3745, 40.9027, 62.1705
YIQ	175.9890, 35.2050, 39.3090

Conversions

Conversions Part 2

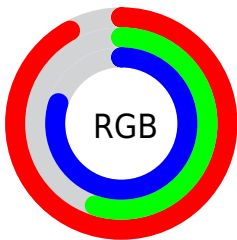
Format	Color
R _Y B	234, 141, 204
Decimal	15371724
CIE Lab	70.11, 43.92, -17.46
CIE LCh	70, 47.261, 338.318
Yxy	40.9027, 0.3453, 0.2598
Android (android.graphics.Color)	4293561804 (0xFFEA8DCC)
YUV	175.9890, 13.8094, 50.8756
Hunter-Lab	63.9552, 39.8385, -12.8668

Details

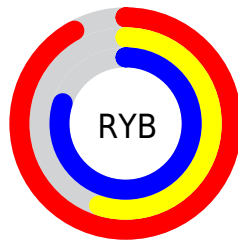
The YIQ color $175.9890, 35.2050, 39.3090$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $199.0110, -35.2050, -39.3090$, and the grayscale version is $176.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $220.3670, 16.2250, 30.8570$, and $121.6790, 33.1420, 38.1500$ is the 20% darker color. If you saturate the color by 10%, you get $161.5760, 44.0980, 48.8500$, and if you desaturate by 10%, it is $190.4020, 26.3120, 29.7680$.

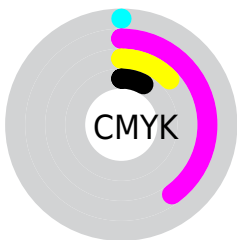
Distribution



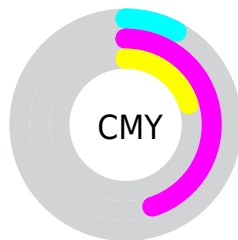
- Red (92%)
- Green (55%)
- Blue (80%)



- Red (92%)
- Yellow (55%)
- Blue (80%)



- Cyan (0%)
- Magenta (40%)
- Yellow (13%)
- Black (8%)





- Cyan (8%)
- Magenta (45%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 175.9890, 35.2050, 39.3090 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 175.9890, 35.2050, 39.3090 by changing the saturation by 10% instead.

 175.9890, 35.2050,
39.3090

 175.9890, 35.2050,
39.3090


255.0000, -0.0000,
-0.0000

 148.3910, 34.0130,
38.8850


 220.3670, 16.2250,
30.8570


 121.6790, 33.1420,
38.1500


 237.3900, 8.2500,
15.6900

 95.0810, 31.9500,
37.7260

254.4130, 0.2750,
0.5230

 68.8960, 31.0330,
37.8250

 38.7160, 31.7200,
41.8960

 26.5590, 24.4320,
30.8000

 17.8860, 18.6570,

19.8170

■ 1.0110, 1.4670,
0.9470

■ 0.0000, 0.0000,
0.0000

■ 175.9890, 35.2050,
39.3090

■ 175.9890, 35.2050,
39.3090

■ 161.5760, 44.0980,
48.8500

■ 190.4020, 26.3120,
29.7680

■ 146.6900, 52.9450,
59.2250

■ 205.2880, 17.4650,
19.3930

■ 132.2770, 61.8380,
68.7660

■ 219.7010, 8.5720,
9.8520

■ 117.3910, 70.6850,
79.1410

■ 234.5870, -0.2750,
-0.5230

■ 102.9780, 79.5780,
88.6820

■ 247.2390, -8.3430,
-8.4950

■ 88.6790, 88.1500,
98.5340

■ 248.0370,
-10.5900, -6.3180

■ 88.0920, 88.4250,
99.0570

■ 248.7210,
-12.5160, -4.4520

Harmonies

Analogous

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



175.9270, -5.7830, 33.2330



175.9890, 35.2050, 39.3090



173.5340, 61.1110, 32.3670

Triad

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



175.9890, 35.2050, 39.3090



166.7410, 36.3170, -24.9230



138.1260, -124.3830, -31.0630

Complementary

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



175.9890, 35.2050, 39.3090



199.0110, -35.2050, -39.3090

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.



134.6260, -111.7720, -44.8600



175.9890, 35.2050, 39.3090



161.4960, 0.0980, -34.8300

Square

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



175.9890, 35.2050, 39.3090



169.7970, 60.2470, -7.0570



152.0680, -48.5470, -39.8030



136.5080, -130.8500, -18.4820

Rectangle

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



175.9890, 35.2050, 39.3090



172.3910, 68.4030, 21.3550



152.0680, -48.5470, -39.8030



137.3450, -120.8060, -35.3180

Sweetspot

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



175.9890, 35.2050, 39.3090



235.6630, 11.7350, 13.1030



160.2730, -12.5690, 35.0710



116.7500, 6.8760, 7.5480



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.



175.9890, 35.2050, 39.3090



178.9400, 46.0690, 51.6770



170.7450, 49.9710, 25.0030



110.2010, 3.9880, 4.8200



68.1410, 68.3930, 76.6250



20.2500, 20.6280, 22.6440

Inverse Universe

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



175.9890, 35.2050, 39.3090



178.9400, 46.0690, 51.6770



204.2550, -49.9710, -25.0030



110.2010, 3.9880, 4.8200



68.1410, 68.3930, 76.6250



20.2500, 20.6280, 22.6440

Previews

White Background



This preview shows how the YIQ color 175.9890, 35.2050, 39.3090 looks on a white background.

Color Contrast Check

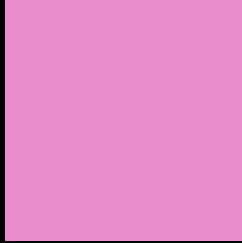
Large Text (above 18pt) WCAG AA × Fail

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 175.9890, 35.2050, 39.3090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

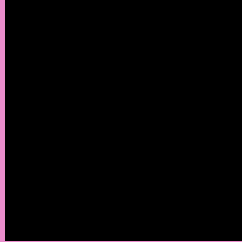
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 175.9890, 35.2050, 39.3090

Background



This preview shows how black text looks on a background with the YIQ color 175.9890, 35.2050, 39.3090.



This preview shows how white text looks on a background with the YIQ color 175.9890, 35.2050,

39.3090.

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

175.9890, 35.2050, 39.3090

Protanopia

172.2690, -25.0820, 14.0380

Deuteranopia

173.6270, -5.7790, 11.1250



Tritanopia

174.2880, 43.8280, 20.6920

Trichromacy



Original Color

175.9890, 35.2050, 39.3090



Protanomaly

173.3860, -3.1220, 23.5500



Deuteranomaly

174.2640, 8.8450, 21.4290



Tritanomaly

174.9490, 40.7090, 27.6610

Monochromacy



Original Color

175.9890, 35.2050, 39.3090



Achromatopsia

176.0000, -0.0000, -0.0000



Achromatomaly

175.7880, 12.8810, 14.3610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.9890, 35.2050, 39.3090 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(234, 141, 204)` looks like.

```
.text, #text, p{  
    color:rgb(234, 141, 204)  
}
```

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(234, 141, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 141, 204) }
```

Border

The CSS property to change the border of an element to YIQ 175.9890, 35.2050, 39.3090 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(234, 141, 204) }
```


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

```
.border{ border-color:rgb(234, 141, 204) }
```

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

Here you see how a box with a 4 pixel rgb(234, 141, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 141, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 141, 204);  
box-shadow:4px 4px 4px 4px rgb(234, 141,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 175.9890, 35.2050, 39.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 141, 204) }
```

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

```
.background{ background-color: rgb(234,  
141, 204) }
```

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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