

Converting Colors

YIQ(182.2400, 35.7560, 34.8280)

Have a look what the booklet for
YIQ(182.2400, 35.7560, 34.8280)
contains.

YIQ(182.2400, 35.7560, 34.8280)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(182.2400, 35.7560,
34.8280)**

Conversions

Conversions Part 1

Format	Color
Hex	EE96CA
RGB	238, 150, 202
RGB Percent	93%, 59%, 79%
CMY	0.0664, 0.4119, 0.2077
CMYK	0.00, 0.37, 0.15, 0.07
HSL	325°, 72%, 76%
HSV	325°, 37%, 93%
XYZ	56.8448, 44.2542, 61.4391
YIQ	182.2400, 35.7560, 34.8280

Conversions

Conversions Part 2

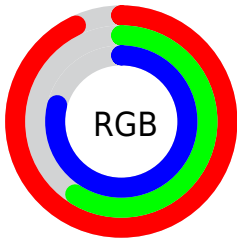
Format	Color
R _Y B	238, 150, 202
Decimal	15636170
CIE Lab	72.40, 40.24, -12.86
CIE LCh	72, 42.242, 342.278
Yxy	44.2542, 0.3497, 0.2723
Android (android.graphics.Color)	4293826250 (0xFFEE96CA)
YUV	182.2400, 9.7417, 48.9015
Hunter-Lab	66.5239, 36.1119, -8.1914

Details

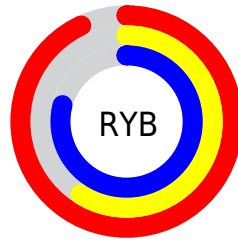
The YIQ color **182.2400, 35.7560, 34.8280** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **205.7600, -35.7560, -34.8280**, and the grayscale version is **182.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.6500, 13.7500, 26.1500**, and **127.9300, 33.6930, 33.6690** is the 20% darker color. If you saturate the color by 10%, you get **167.0120, 45.5660, 44.2700**, and if you desaturate by 10%, it is **197.4680, 25.9460, 25.3860**.

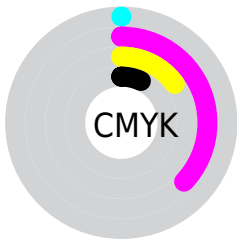
Distribution



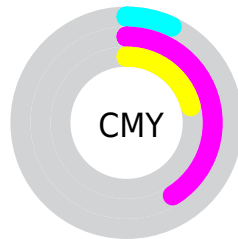
- Red (93%)
- Green (59%)
- Blue (79%)



- Red (93%)
- Yellow (59%)
- Blue (79%)



- Cyan (0%)
- Magenta (37%)
- Yellow (15%)
- Black (7%)




- Cyan (7%)
- Magenta (41%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 182.2400, 35.7560, 34.8280 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 182.2400, 35.7560, 34.8280 by changing the saturation by 10% instead.


 182.2400, 35.7560,
34.8280

 182.2400, 35.7560,
34.8280


255.0000, -0.0000,
-0.0000


 154.6420, 34.5640,
34.4040


 225.6500, 13.7500,
26.1500


 127.9300, 33.6930,
33.6690

 242.6730, 5.7750,
10.9830

 101.9190, 32.2260,
32.7220

 75.7340, 31.3090,
32.8210

 49.0760, 30.3460,
33.7540

 27.6410, 27.1370,
31.3370

 18.3700, 20.1700,

19.9300

■ 5.3820, 10.7280,
3.8160

■ 0.0000, 0.0000,
0.0000

■ 182.2400, 35.7560,
34.8280

■ 182.2400, 35.7560,
34.8280

■ 167.0120, 45.5660,
44.2700

■ 197.4680, 25.9460,
25.3860

■ 151.8980, 55.0550,
54.0230

■ 212.6960, 16.1360,
15.9440

■ 137.2570, 64.5900,
62.9420

■ 227.2230, 6.9220,
6.7140

■ 122.0290, 74.4000,
72.3840

■ 242.4510, -2.8880,
-2.7280

■ 106.8010, 84.2100,
81.8260

■ 249.4610, -8.8480,
-4.8480

■ 91.6870, 93.6990,
91.5790

■ 249.9170,
-10.1320, -3.6040

■ 87.2360, 96.5870,
94.3070

Harmonies

Analogous

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



182.2820, 0.4070, 31.1830



182.2400, 35.7560, 34.8280



180.2190, 57.4440, 27.2360

Triad

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



182.2400, 35.7560, 34.8280



173.0870, 29.5310, -23.0850



140.4570, -126.8130, -31.0770

Complementary

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



182.2400, 35.7560, 34.8280



205.7600, -35.7560, -34.8280

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.



139.1250, -114.6150, -42.8950



182.2400, 35.7560, 34.8280



168.1520, -4.6250, -31.8330

Square

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



182.2400, 35.7560, 34.8280



176.2630, 53.0030, -7.9330



160.3010, -47.5850, -35.2090



160.3840, -89.0380, -5.3100

Rectangle

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



182.2400, 35.7560, 34.8280



179.1190, 63.1770, 16.9450



160.3010, -47.5850, -35.2090



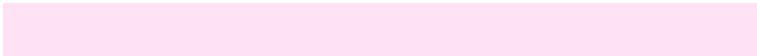
140.4910, -124.1530, -35.2330

Sweetspot

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



182.2400, 35.7560, 34.8280



237.3100, 11.2310, 11.2230



170.4970, -7.3880, 34.7880



117.2230, 6.9220, 6.7140



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.



182.2400, 35.7560, 34.8280



184.0120, 45.5660, 44.2700



177.3380, 49.5590, 21.4550



112.3860, 4.9050, 4.7210



67.3280, 74.9960, 72.5960



20.5060, 22.7830, 22.1350

Inverse Universe

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



182.2400, 35.7560, 34.8280



184.0120, 45.5660, 44.2700



210.6620, -49.5590, -21.4550



112.3860, 4.9050, 4.7210



67.3280, 74.9960, 72.5960



20.5060, 22.7830, 22.1350

Previews

White Background



This preview shows how the YIQ color 182.2400, 35.7560, 34.8280 looks on a white background.

Color Contrast Check

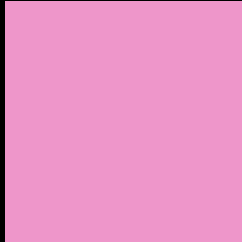
Large Text (above 18pt) WCAG AA × Fail

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 182.2400, 35.7560, 34.8280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

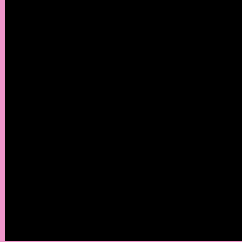
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 182.2400, 35.7560, 34.8280

Background



This preview shows how black text looks on a background with the YIQ color 182.2400, 35.7560, 34.8280.



This preview shows how white text looks on a background with the YIQ color 182.2400, 35.7560,

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

182.2400, 35.7560, 34.8280

Protanopia

178.6240, -18.8920, 11.9880

Deuteranopia

179.7370, -0.2770, 10.5310



Tritanopia

180.6900, 42.6360, 20.2680

Trichromacy



Original Color

182.2400, 35.7560, 34.8280



Protanomaly

180.0180, 0.7300, 19.8180



Deuteranomaly

180.8360, 12.9260, 19.0540



Tritanomaly

181.1830, 39.9300, 25.2580

Monochromacy



Original Color

182.2400, 35.7560, 34.8280



Achromatopsia

182.0000, -0.0000, -0.0000



Achromatomaly

181.7340, 12.9730, 12.6930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 182.2400, 35.7560, 34.8280 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(238, 150, 202)` looks like.

```
.text, #text, p{  
    color:rgb(238, 150, 202)  
}
```

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(238, 150, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 150, 202) }
```

Border

The CSS property to change the border of an element to YIQ 182.2400, 35.7560, 34.8280 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(238, 150, 202) }
```


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

```
.border{ border-color:rgb(238, 150, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 150, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 150, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 150, 202);  
box-shadow:4px 4px 4px 4px rgb(238, 150,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 182.2400, 35.7560, 34.8280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 150, 202) }
```

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

```
.background{ background-color: rgb(238,  
150, 202) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor