

Converting Colors

YIQ(180.7030, 24.5670, 44.8790)

Have a look what the booklet for
YIQ(180.7030, 24.5670, 44.8790)
contains.

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Color

**YIQ(180.7030, 24.5670,
44.8790)**

Conversions

Conversions Part 1

Format	Color
Hex	E891E6
RGB	232, 145, 230
RGB Percent	91%, 57%, 90%
CMY	0.0899, 0.4315, 0.0980
CMYK	0.00, 0.38, 0.01, 0.09
HSL	301°, 66%, 74%
HSV	301°, 38%, 91%
XYZ	57.7041, 43.1202, 80.1505
YIQ	180.7030, 24.5670, 44.8790

Conversions

Conversions Part 2

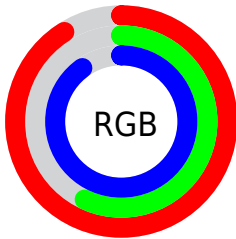
Format	Color
R _Y B	232, 145, 230
Decimal	15241702
CIE Lab	71.64, 45.63, -29.49
CIE LCh	72, 54.330, 327.131
Yxy	43.1202, 0.3189, 0.2383
Android (android.graphics.Color)	4293431782 (0xFFE891E6)
YUV	180.7030, 24.3034, 44.9875
Hunter-Lab	65.6660, 41.9418, -26.4020

Details

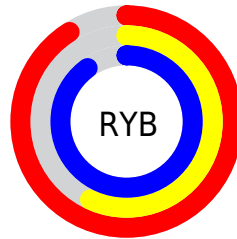
The YIQ color **180.7030, 24.5670, 44.8790** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **196.2970, -24.5670, -44.8790**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **222.7150, 15.1250, 28.7650**, and **126.1650, 23.1460, 43.0980** is the 20% darker color. If you saturate the color by 10%, you get **167.0880, 31.2130, 56.5970**, and if you desaturate by 10%, it is **194.3180, 17.9210, 33.1610**.

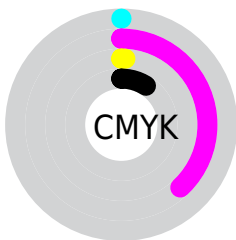
Distribution



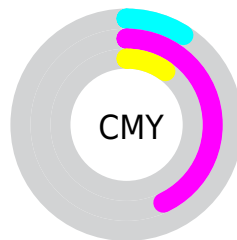
- Red (91%)
- Green (57%)
- Blue (90%)



- Red (91%)
- Yellow (57%)
- Blue (90%)



- Cyan (0%)
- Magenta (38%)
- Yellow (1%)
- Black (9%)





- Cyan (9%)
- Magenta (43%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 180.7030, 24.5670, 44.8790 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 180.7030, 24.5670, 44.8790 by changing the saturation by 10% instead.


 180.7030, 24.5670,
44.8790

 180.7030, 24.5670,
44.8790


255.0000, -0.0000,
-0.0000


 152.9910, 23.6960,
44.1440


 222.7150, 15.1250,
28.7650

 126.1650, 23.1460,
43.0980

 239.7380, 7.1500,
13.5980

 99.4530, 22.2750,
42.3630

 73.1540, 21.6790,
42.1510

 44.3330, 22.7330,
45.0770

 28.5400, 17.4160,
36.8080

 19.4540, 11.3660,

25.3020

■ 5.5840, -4.2200,
10.4040

■ 0.0000, 0.0000,
0.0000

■ 180.7030, 24.5670,
44.8790

■ 180.7030, 24.5670,
44.8790

■ 167.0880, 31.2130,
56.5970

■ 194.3180, 17.9210,
33.1610

■ 153.5870, 37.5380,
68.6260

■ 207.8190, 11.5960,
21.1320

■ 139.3850, 44.4590,
80.8670

■ 222.0210, 4.6750,
8.8910

■ 125.8840, 50.7840,
92.8960

■ 235.5220, -1.6500,
-3.1380

■ 112.2690, 57.4300,
104.6140

■ 245.6150, -6.6460,
-11.7180

■ 98.7680, 63.7550,
116.6430

■ 245.7290, -6.9670,
-11.4070

■ 95.2460, 65.4050,
119.7810

■ 245.8430, -7.2880,
-11.0960

Harmonies

Analogous

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



176.4670, -25.0390, 29.7850



180.7030, 24.5670, 44.8790



175.0640, 56.9830, 41.1030

Triad

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



180.7030, 24.5670, 44.8790



170.8910, 53.5100, -22.6340



142.3660, -125.2990, -36.4910

Complementary

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



180.7030, 24.5670, 44.8790



196.2970, -24.5670, -44.8790

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.



136.6660, -109.2490, -52.0410



180.7030, 24.5670, 44.8790



166.1850, 16.9710, -37.7570

Square

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



180.7030, 24.5670, 44.8790



173.9670, 74.6880, 1.0560



157.4360, -35.2040, -44.8360



142.9480, -135.2050, -22.1570

Rectangle

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



180.7030, 24.5670, 44.8790



171.8890, 67.3010, 30.3170



157.4360, -35.2040, -44.8360



140.5420, -120.1630, -41.4670

Sweetspot

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



180.7030, 24.5670, 44.8790



238.4500, 8.0210, 14.3330



155.2170, -27.3310, 27.2690



117.9070, 4.9960, 8.5800



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.



180.7030, 24.5670, 44.8790



187.1530, 32.5880, 59.2120



175.8010, 38.3700, 31.5060



110.5430, 3.0250, 5.7530



74.2970, 51.0590, 93.4190



22.0740, 15.4920, 27.6200

Inverse Universe

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



180.7030, 24.5670, 44.8790



187.1530, 32.5880, 59.2120



201.1990, -38.3700, -31.5060



110.5430, 3.0250, 5.7530



74.2970, 51.0590, 93.4190



22.0740, 15.4920, 27.6200

Previews

White Background



This preview shows how the YIQ color 180.7030, 24.5670, 44.8790 looks on a white background.

Color Contrast Check

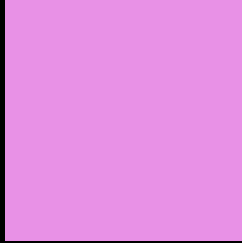
Large Text (above 18pt) WCAG AA × Fail

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 180.7030, 24.5670, 44.8790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

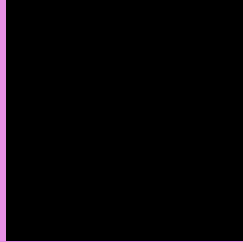
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.7030, 24.5670, 44.8790

Background



This preview shows how black text looks on a background with the YIQ color 180.7030, 24.5670, 44.8790.



This preview shows how white text looks on a background with the YIQ color 180.7030, 24.5670,

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

180.7030, 24.5670, 44.8790

Protanopia

175.4280, -38.4710, 19.9050

Deuteranopia

177.1340, -20.2680, 14.9000



Tritanopia

179.1020, 35.4840, 17.7240

Trichromacy



Original Color

180.7030, 24.5670, 44.8790



Protanomaly

177.3170, -15.8690, 28.7950



Deuteranomaly

178.6680, -3.8560, 25.8400



Tritanomaly

179.5720, 31.5850, 27.8170

Monochromacy



Original Color

180.7030, 24.5670, 44.8790



Achromatopsia

181.0000, -0.0000, 0.0000



Achromatomaly

181.1020, 9.1210, 16.4250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.7030, 24.5670, 44.8790 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(232, 145, 230)` looks like.

```
.text, #text, p{  
    color:rgb(232, 145, 230)  
}
```

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(232, 145, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 145, 230) }
```

Border

The CSS property to change the border of an element to YIQ 180.7030, 24.5670, 44.8790 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(232, 145, 230) }
```


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

```
.border{ border-color:rgb(232, 145, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 145, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 145, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 145, 230);  
box-shadow:4px 4px 4px 4px rgb(232, 145,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 180.7030, 24.5670, 44.8790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 145, 230) }
```

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

```
.background{ background-color: rgb(232,  
145, 230) }
```

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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