

Converting Colors

YIQ(178.0610, 26.6750, 50.7310)

Have a look what the booklet for
YIQ(178.0610, 26.6750, 50.7310)
contains.

YIQ(178.0610, 26.6750, 50.7310)	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(178.0610, 26.6750,
50.7310)**

Conversions

Conversions Part 1

Format	Color
Hex	EB8AEB
RGB	235, 138, 235
RGB Percent	92%, 54%, 92%
CMY	0.0781, 0.4590, 0.0784
CMYK	0.00, 0.41, 0.00, 0.08
HSL	300°, 71%, 73%
HSV	300°, 41%, 92%
XYZ	58.3647, 41.8388, 83.6027
YIQ	178.0610, 26.6750, 50.7310

Conversions

Conversions Part 2

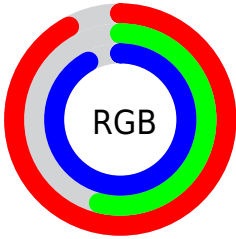
Format	Color
RYB	235, 138, 235
Decimal	15436523
CIELab	70.76, 51.02, -33.55
CIELCh	71, 61.066, 326.669
Yxy	41.8388, 0.3175, 0.2276
Android (android.graphics.Color)	4293626603 (0xFFEB8AEB)
YUV	178.0610, 28.0709, 49.9355
Hunter-Lab	64.6829, 47.8691, -31.3544

Details

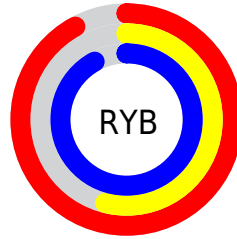
The YIQ color **178.0610, 26.6750, 50.7310** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **194.9390, -26.6750, -50.7310**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **219.1930, 16.7750, 31.9030**, and **123.2240, 24.6580, 48.7380** is the 20% darker color. If you saturate the color by 10%, you get **163.9730, 33.2750, 63.2830**, and if you desaturate by 10%, it is **191.5620, 20.3500, 38.7020**.

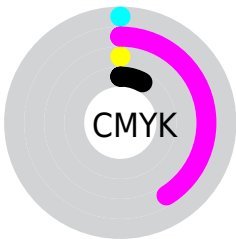
Distribution



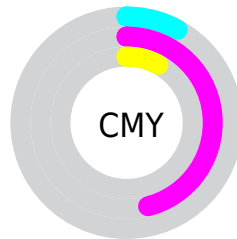
- Red (92%)
- Green (54%)
- Blue (92%)



- Red (92%)
- Yellow (54%)
- Blue (92%)



- Cyan (0%)
- Magenta (41%)
- Yellow (0%)
- Black (8%)





- Cyan (8%)
- Magenta (46%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 178.0610, 26.6750, 50.7310 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 178.0610, 26.6750, 50.7310 by changing the saturation by 10% instead.


 178.0610, 26.6750,
50.7310

 178.0610, 26.6750,
50.7310


255.0000, -0.0000,
-0.0000


 150.3490, 25.8040,
49.9960


 218.6060, 17.0500,
32.4260


 122.6370, 24.9330,
49.2610


 235.6290, 9.0750,
17.2590

 96.2240, 24.6580,
48.7380

 252.6520, 1.1000,
2.0920

 67.8650, 24.2910,
49.8830

 40.1040, 25.1160,
51.4520

 29.2950, 16.7280,
38.2640

 20.0950, 10.9990,

26.4470

■ 6.2250, -4.5870,
11.5490

■ 0.1140, -0.3210,
0.3110

■ 178.0610, 26.6750,
50.7310

■ 178.0610, 26.6750,
50.7310

■ 163.9730, 33.2750,
63.2830

■ 191.5620, 20.3500,
38.7020

■ 150.4720, 39.6000,
75.3120

■ 205.6500, 13.7500,
26.1500

■ 136.3840, 46.2000,
87.8640

■ 219.1510, 7.4250,
14.1210

■ 122.8830, 52.5250,
99.8930

■ 233.2390, 0.8250,
1.5690

■ 108.7950, 59.1250,
112.4450

■ 246.7400, -5.5000,
-10.4600

■ 97.0550, 64.6250,
122.9050

Harmonies

Analogous

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



172.6130, -28.3860, 29.8700



178.0610, 26.6750, 50.7310



169.1940, 59.7330, 46.3330

Triad

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



178.0610, 26.6750, 50.7310



167.3770, 60.7090, -26.4510



142.5940, -125.9410, -35.8690

Complementary

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



178.0610, 26.6750, 50.7310



194.9390, -26.6750, -50.7310

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.



136.2100, -107.9650, -53.2850



178.0610, 26.6750, 50.7310



162.2790, 19.4020, -43.2700

Square

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



178.0610, 26.6750, 50.7310



170.1590, 82.8950, 0.9990



150.8110, -40.9340, -51.1260



142.9480, -135.2050, -22.1570

Rectangle

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



178.0610, 26.6750, 50.7310



165.4490, 71.6560, 33.9920



150.8110, -40.9340, -51.1260



140.5420, -120.1630, -41.4670

Sweetspot

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



178.0610, 26.6750, 50.7310



236.8030, 8.5250, 16.2130



149.0580, -31.1370, 30.1670



117.3200, 5.2710, 9.1030



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.



178.0610, 26.6750, 50.7310



180.4510, 34.9250, 66.4210



172.5890, 42.0830, 35.8030



110.5430, 3.0250, 5.7530



74.7530, 49.7750, 94.6630



22.3020, 14.8500, 28.2420

Inverse Universe

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



178.0610, 26.6750, 50.7310



180.4510, 34.9250, 66.4210



200.5250, -42.4040, -35.4920



110.5430, 3.0250, 5.7530



74.7530, 49.7750, 94.6630



22.3020, 14.8500, 28.2420

Previews

White Background



This preview shows how the YIQ color 178.0610, 26.6750, 50.7310 looks on a white background.

Color Contrast Check

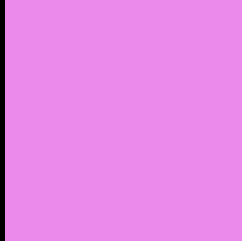
Large Text (above 18pt) WCAG AA × Fail

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 178.0610, 26.6750, 50.7310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

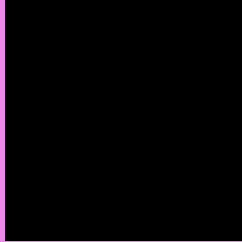
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 178.0610, 26.6750, 50.7310

Background



This preview shows how black text looks on a background with the YIQ color 178.0610, 26.6750, 50.7310.



This preview shows how white text looks on a background with the YIQ color 178.0610, 26.6750,

50.7310.

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

178.0610, 26.6750, 50.7310

Protanopia

172.8020, -42.4600, 20.6120

Deuteranopia

174.3230, -25.1740, 15.7060



Tritanopia

176.1950, 39.6560, 19.2080

Trichromacy



Original Color

178.0610, 26.6750, 50.7310



Protanomaly

174.8270, -17.2450, 31.7070



Deuteranomaly

175.5800, -6.4240, 28.3280



Tritanomaly

177.0070, 34.7940, 30.2340

Monochromacy



Original Color

178.0610, 26.6750, 50.7310



Achromatopsia

178.0000, -0.0000, -0.0000



Achromatomaly

177.8680, 9.9000, 18.8280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.0610, 26.6750, 50.7310 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(235, 138, 235)` looks like.

```
.text, #text, p{  
    color:rgb(235, 138, 235)  
}
```

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(235, 138, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 138, 235) }
```

Border

The CSS property to change the border of an element to YIQ 178.0610, 26.6750, 50.7310 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(235, 138, 235) }
```


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

```
.border{ border-color:rgb(235, 138, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 138, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 138, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 138, 235);  
box-shadow:4px 4px 4px 4px rgb(235, 138,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 178.0610, 26.6750, 50.7310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 138, 235) }
```

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

```
.background{ background-color: rgb(235,  
138, 235) }
```

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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