

Converting Colors

YIQ(203.1880, 15.1710, 27.9310)

Have a look what the booklet for
YIQ(203.1880, 15.1710, 27.9310)
contains.

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Color

**YIQ(203.1880, 15.1710,
27.9310)**

Conversions

Conversions Part 1

Format	Color
Hex	EBB5EA
RGB	235, 181, 234
RGB Percent	92%, 71%, 92%
CMY	0.0783, 0.2903, 0.0823
CMYK	0.00, 0.23, 0.00, 0.08
HSL	301°, 58%, 82%
HSV	301°, 23%, 92%
XYZ	65.6458, 56.6485, 85.3199
YIQ	203.1880, 15.1710, 27.9310

Conversions

Conversions Part 2

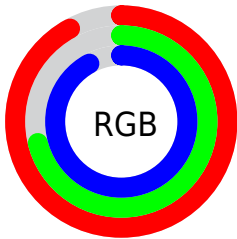
Format	Color
R _Y B	235, 181, 234
Decimal	15447530
CIE Lab	79.98, 28.26, -18.90
CIE LCh	80, 33.995, 326.222
Yxy	56.6485, 0.3162, 0.2729
Android (android.graphics.Color)	4293637610 (0xFFEBB5EA)
YUV	203.1880, 15.1903, 27.8991
Hunter-Lab	75.2652, 23.9723, -14.5249

Details

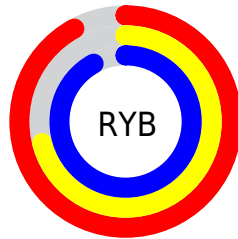
The YIQ color $203.1880, 15.1710, 27.9310$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $212.8120, -15.1710, -27.9310$, and the grayscale version is $203.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $244.4340, 4.9500, 9.4140$, and $148.9490, 14.3460, 26.3620$ is the 20% darker color. If you saturate the color by 10%, you get $189.1000, 21.7710, 40.4830$, and if you desaturate by 10%, it is $216.6890, 8.8460, 15.9020$.

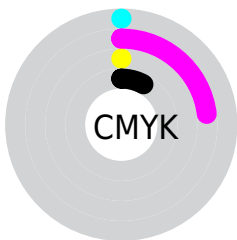
Distribution



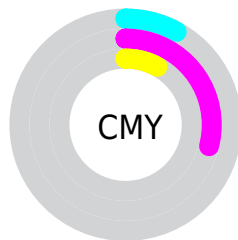
- Red (92%)
- Green (71%)
- Blue (92%)



- Red (92%)
- Yellow (71%)
- Blue (92%)



- Cyan (0%)
- Magenta (23%)
- Yellow (0%)
- Black (8%)





- Cyan (8%)
- Magenta (29%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 203.1880, 15.1710, 27.9310 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 203.1880, 15.1710, 27.9310 by changing the saturation by 10% instead.


 203.1880, 15.1710,
27.9310


 203.1880, 15.1710,
27.9310


255.0000, -0.0000,
-0.0000


 175.7750, 14.8960,
27.4080


 244.4340, 4.9500,
9.4140

 148.9490, 14.3460,
26.3620

 122.5360, 14.0710,
25.8390

 97.4110, 12.9250,
24.5810

 72.9980, 12.6500,
24.0580

 49.2860, 11.7790,
23.3230

 25.4000, 11.4580,

23.6340

■ 13.5150, 9.3960,
16.9480

■ 0.4560, -1.2840,
1.2440

■ 203.1880, 15.1710,
27.9310

■ 203.1880, 15.1710,
27.9310

■ 189.1000, 21.7710,
40.4830

■ 216.6890, 8.8460,
15.9020

■ 175.4850, 28.4170,
52.2010

■ 230.8910, 1.9250,
3.6610

■ 161.3970, 35.0170,
64.7530

■ 244.3920, -4.4000,
-8.3680

■ 147.7820, 41.6630,
76.4710

■ 246.8540, -5.8210,
-10.1490

■ 133.6940, 48.2630,
89.0230

■ 246.9680, -6.1420,
-9.8380

■ 120.0790, 54.9090,
100.7410

■ 247.0820, -6.4630,
-9.5270

■ 105.9910, 61.5090,
113.2930

■ 96.5990, 65.9090,
121.6610

Harmonies

Analogous

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



200.6770, -17.2430, 20.6530



203.1880, 15.1710, 27.9310



202.2260, 38.3710, 25.9790

Triad

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



203.1880, 15.1710, 27.9310



196.8310, 36.5440, -12.5120



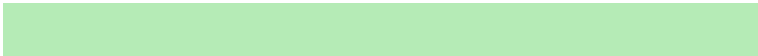
180.5590, -74.1340, -22.1180

Complementary

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



203.1880, 15.1710, 27.9310



212.8120, -15.1710, -27.9310

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.



184.3750, -50.4290, -27.7170



203.1880, 15.1710, 27.9310



193.5180, 12.2000, -22.8720

Square

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



203.1880, 15.1710, 27.9310



199.2170, 50.6170, 2.2730



189.2570, -17.9220, -27.6340



184.9480, -73.3110, -9.4950

Rectangle

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



203.1880, 15.1710, 27.9310



199.7180, 45.4330, 19.1370



189.2570, -17.9220, -27.6340



181.5010, -68.2190, -24.6910

Sweetspot

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



203.1880, 15.1710, 27.9310



244.4340, 4.9500, 9.4140



187.4550, -16.7380, 17.0060



121.4290, 3.3460, 5.4420



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.



203.1880, 15.1710, 27.9310



213.2090, 19.8460, 36.8220



200.1100, 23.8380, 19.5340



110.5430, 3.0250, 5.7530



74.4110, 50.7380, 93.7300



22.1880, 15.1710, 27.9310

Inverse Universe

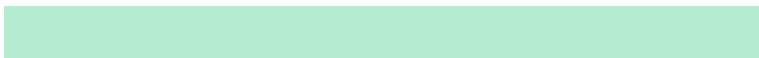
The Inverse Universe completely reimagines the original color for something new.



203.1880, 15.1710, 27.9310



213.2090, 19.8460, 36.8220



215.8900, -23.8380, -19.5340



110.5430, 3.0250, 5.7530



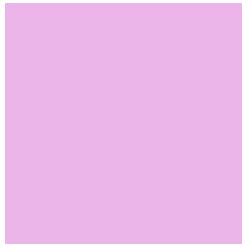
74.4110, 50.7380, 93.7300



22.1880, 15.1710, 27.9310

Previews

White Background



This preview shows how the YIQ color 203.1880, 15.1710, 27.9310 looks on a white background.

Color Contrast Check

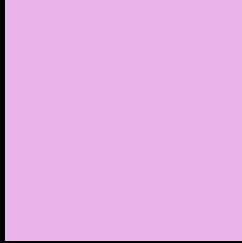
Large Text (above 18pt) WCAG AA × Fail

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 203.1880, 15.1710, 27.9310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

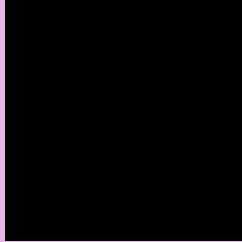
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 203.1880, 15.1710, 27.9310

Background



This preview shows how black text looks on a background with the YIQ color 203.1880, 15.1710, 27.9310.



This preview shows how white text looks on a background with the YIQ color 203.1880, 15.1710,

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

203.1880, 15.1710, 27.9310

Protanopia

199.4820, -21.3680, 12.8080

Deuteranopia

200.7240, -7.4300, 13.5140



Tritanopia

201.7520, 21.7300, 13.6820

Trichromacy



Original Color

203.1880, 15.1710, 27.9310



Protanomaly

200.5870, -8.3020, 18.3060



Deuteranomaly

201.4910, 0.7760, 18.9840



Tritanomaly

202.2450, 19.0240, 18.6720

Monochromacy



Original Color

203.1880, 15.1710, 27.9310



Achromatopsia

203.0000, 0.0000, -0.0000



Achromatomaly

203.1460, 5.8210, 10.1490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.1880, 15.1710, 27.9310 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, 181, 234)` looks like.

```
.text, #text, p{  
    color:rgb(235, 181, 234)  
}
```

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, 181, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 181, 234) }
```

Border

The CSS property to change the border of an element to YIQ 203.1880, 15.1710, 27.9310 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, 181, 234) }
```


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

```
.border{ border-color:rgb(235, 181, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 181, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 181, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 181, 234); box-shadow:4px 4px 4px 4px rgb(235, 181, 234) }
```

Background

The CSS property to change the background color of an element to YIQ 203.1880, 15.1710, 27.9310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 181, 234) }
```

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

```
.background{ background-color: rgb(235,  
181, 234) }
```

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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