

Converting Colors

YIQ(199.1300, 21.0860, 25.3580)

Have a look what the booklet for
YIQ(199.1300, 21.0860, 25.3580)
contains.

YIQ(199.1300, 21.0860, 25.3580)	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(199.1300, 21.0860,
25.3580)**

Conversions

Conversions Part 1

Format	Color
Hex	EBB1DB
RGB	235, 177, 219
RGB Percent	92%, 69%, 86%
CMY	0.0783, 0.3060, 0.1411
CMYK	0.00, 0.25, 0.07, 0.08
HSL	317°, 59%, 81%
HSV	317°, 25%, 92%
XYZ	62.7800, 54.2191, 74.1833
YIQ	199.1300, 21.0860, 25.3580

Conversions

Conversions Part 2

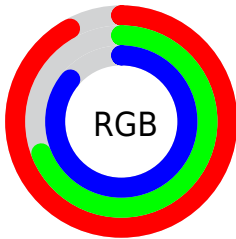
Format	Color
R_{YB}	235, 177, 219
Decimal	15446491
CIE _{Lab}	78.59, 27.73, -12.90
CIE _{LCh}	79, 30.584, 335.050
Yxy	54.2191, 0.3284, 0.2836
Android (android.graphics.Color)	4293636571 (0xFFEBB1DB)
YUV	199.1300, 9.7959, 31.4580
Hunter-Lab	73.6337, 23.3301, -8.1890

Details

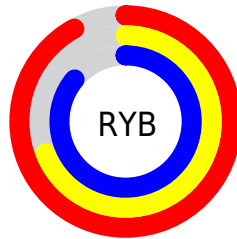
The YIQ color $199.1300, 21.0860, 25.3580$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $212.8700, -21.0860, -25.3580$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $242.0860, 6.0500, 11.5060$, and $145.0050, 19.9400, 24.1000$ is the 20% darker color. If you saturate the color by 10%, you get $184.3580, 29.6120, 36.0440$, and if you desaturate by 10%, it is $213.4290, 12.5140, 15.5060$.

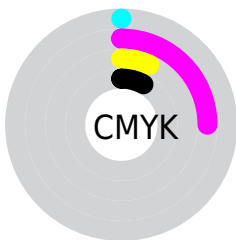
Distribution



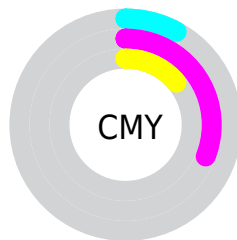
- Red (92%)
- Green (69%)
- Blue (86%)



- Red (92%)
- Yellow (69%)
- Blue (86%)



- Cyan (0%)
- Magenta (25%)
- Yellow (7%)
- Black (8%)





- Cyan (8%)
- Magenta (31%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 199.1300, 21.0860, 25.3580 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 199.1300, 21.0860, 25.3580 by changing the saturation by 10% instead.


 199.1300, 21.0860,
25.3580


 199.1300, 21.0860,
25.3580


255.0000, -0.0000,
-0.0000


 171.4180, 20.2150,
24.6230


 242.0860, 6.0500,
11.5060

 145.0050, 19.9400,
24.1000

 118.4070, 18.7480,
23.6760

 93.5810, 18.1980,
22.6300

 68.9830, 17.0060,
22.2060

 45.5700, 16.7310,
21.6830

 22.3850, 15.8140,

21.7820

■ 11.7770, 11.4140,
13.4140

■ 0.0000, 0.0000,
0.0000

■ 199.1300, 21.0860,
25.3580

■ 199.1300, 21.0860,
25.3580

■ 184.3580, 29.6120,
36.0440

■ 213.4290, 12.5140,
15.5060

■ 170.0590, 38.1840,
45.8960

■ 228.2010, 3.9880,
4.8200

■ 155.2870, 46.7100,
56.5820

■ 242.3860, -4.2630,
-5.3430

■ 140.9880, 55.2820,
66.4340

■ 247.8800, -8.7100,
-7.3500

■ 126.2160, 63.8080,
77.1200

■ 248.5640,
-10.6360, -5.4840

■ 111.9170, 72.3800,
86.9720

■ 249.0200,
-11.9200, -4.2400

■ 97.1450, 80.9060,
97.6580

■ 89.6450, 85.4900,
102.6900

Harmonies

Analogous

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



197.3640, -6.0560, 21.6560



199.1300, 21.0860, 25.3580



198.0750, 40.1140, 21.9220

Triad

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



199.1300, 21.0860, 25.3580



192.4000, 27.5120, -14.0240



180.4400, -66.2490, -16.3370

Complementary

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



199.1300, 21.0860, 25.3580



212.8700, -21.0860, -25.3580

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.



181.1240, -50.9800, -23.2360



199.1300, 21.0860, 25.3580



189.4400, 3.6720, -22.5040

Square

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



199.1300, 21.0860, 25.3580



195.2760, 42.9610, -2.1510



185.1300, -24.7540, -24.9620



185.6510, -59.0530, -3.5730

Rectangle

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



199.1300, 21.0860, 25.3580



197.6810, 46.8550, 15.3910



185.1300, -24.7540, -24.9620



180.3000, -63.0390, -19.4470

Sweetspot

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



199.1300, 21.0860, 25.3580



243.8640, 6.5550, 7.8590



188.0970, -9.6780, 21.2180



121.2010, 3.9880, 4.8200



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.



199.1300, 21.0860, 25.3580



207.9940, 27.6410, 33.2170



195.9380, 30.0740, 16.6500



110.2010, 3.9880, 4.8200



69.0530, 65.8250, 79.1130



20.5920, 19.6650, 23.5770

Inverse Universe

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



199.1300, 21.0860, 25.3580



207.9940, 27.6410, 33.2170



216.0620, -30.0740, -16.6500



110.2010, 3.9880, 4.8200



69.0530, 65.8250, 79.1130



20.5920, 19.6650, 23.5770

Previews

White Background



This preview shows how the YIQ color 199.1300, 21.0860, 25.3580 looks on a white background.

Color Contrast Check

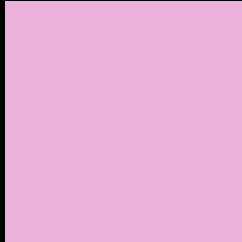
Large Text (above 18pt) WCAG AA × Fail

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 199.1300, 21.0860, 25.3580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

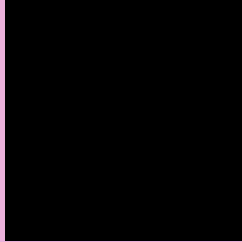
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.1300, 21.0860, 25.3580

Background



This preview shows how black text looks on a background with the YIQ color 199.1300, 21.0860, 25.3580.



This preview shows how white text looks on a background with the YIQ color 199.1300, 21.0860,

25.3580.

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

199.1300, 21.0860, 25.3580

Protanopia

195.7230, -14.8570, 10.4470

Deuteranopia

197.2640, -0.3230, 11.3650



Tritanopia

197.8450, 25.9020, 15.1660

Trichromacy



Original Color

199.1300, 21.0860, 25.3580

Protanomaly

196.8280, -1.7910, 15.9450

Deuteranomaly

197.7320, 7.2870, 16.6230

Tritanomaly

198.5830, 23.8840, 18.7000

Monochromacy



Original Color

199.1300, 21.0860, 25.3580

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

198.9890, 7.7010, 9.1170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.1300, 21.0860, 25.3580 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, 177, 219)` looks like.

```
.text, #text, p{  
    color:rgb(235, 177, 219)  
}
```

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, 177, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 177, 219) }
```

Border

The CSS property to change the border of an element to YIQ 199.1300, 21.0860, 25.3580 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, 177, 219) }
```


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

```
.border{ border-color:rgb(235, 177, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 177, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 177, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 177, 219);  
box-shadow:4px 4px 4px 4px rgb(235, 177,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 199.1300, 21.0860, 25.3580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 177, 219) }
```

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

```
.background{ background-color: rgb(235,  
177, 219) }
```

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