

Converting Colors

YIQ(188.9110, -8.8540, 28.3140)

Have a look what the booklet for
YIQ(188.9110, -8.8540, 28.3140)
contains.

YIQ(188.9110, -8.8540, 28.3140)	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(188.9110, -8.8540,
28.3140)**

Conversions

Conversions Part 1

Format	Color
Hex	C6ADF7
RGB	198, 173, 247
RGB Percent	78%, 68%, 97%
CMY	0.2234, 0.3216, 0.0315
CMYK	0.20, 0.30, 0.00, 0.03
HSL	260°, 82%, 82%
HSV	260°, 30%, 97%
XYZ	55.0223, 48.6066, 94.4586
YIQ	188.9110, -8.8540, 28.3140

Conversions

Conversions Part 2

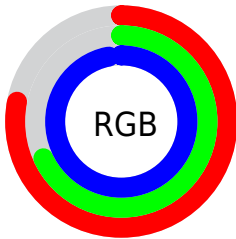
Format	Color
RYB	198, 173, 247
Decimal	13020663
CIELab	75.21, 23.58, -33.50
CIELCh	75, 40.965, 305.149
Yxy	48.6066, 0.2778, 0.2454
Android (android.graphics.Color)	4291210743 (0xFFC6ADF7)
YUV	188.9110, 28.6379, 7.9711
Hunter-Lab	69.7184, 18.8663, -31.5267

Details

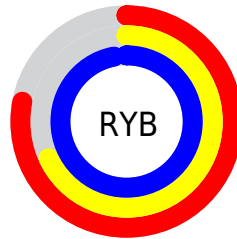
The YIQ color $188.9110, -8.8540, 28.3140$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $231.0890, 8.8540, -28.3140$, and the grayscale version is $189.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $239.7380, 7.1500, 13.5980$, and $134.8570, -8.7620, 26.6460$ is the 20% darker color. If you saturate the color by 10%, you get $169.4520, -11.5150, 37.9970$, and if you desaturate by 10%, it is $208.3700, -6.1930, 18.6310$.

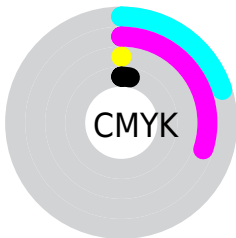
Distribution



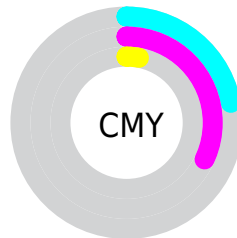
- Red (78%)
- Green (68%)
- Blue (97%)



- Red (78%)
- Yellow (68%)
- Blue (97%)



- Cyan (20%)
- Magenta (30%)
- Yellow (0%)
- Black (3%)



- Cyan (22%)
- Magenta (32%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.9110, -8.8540, 28.3140 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 188.9110, -8.8540, 28.3140 by changing the saturation by 10% instead.

■ 188.9110, -8.8540,
28.3140

■ 188.9110, -8.8540,
28.3140

■ 255.0000, -0.0000,
-0.0000

■ 161.3840, -8.8080,
27.4800

■ 239.7380, 7.1500,
13.5980

■ 134.8570, -8.7620,
26.6460

■ 109.9170, -8.9910,
25.2890

■ 85.0910, -9.5410,
24.2430

■ 61.1510, -9.7700,
22.8860

■ 37.9120, -10.5950,
21.3170

■ 14.7870, -11.7410,

20.0590

■ 4.5600, -12.8400,
12.4400

■ 2.6390, -6.0530,
5.0750

■ 188.9110, -8.8540,
28.3140

■ 188.9110, -8.8540,
28.3140

■ 169.4520,
-11.5150, 37.9970

■ 208.3700, -6.1930,
18.6310

■ 150.2810,
-15.0470, 46.9450

■ 227.5410, -2.6610,
9.6830

■ 130.8220,
-17.7080, 56.6280

■ 247.0000, -0.0000,
-0.0000

■ 111.3630,
-20.3690, 66.3110

■ 254.0880, 2.5680,
-2.4880

■ 92.1920, -23.9010,
75.2590

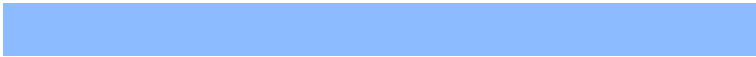
■ 72.7330, -26.5620,
84.9420

■ 53.2740, -29.2230,
94.6250

Harmonies

Analogous

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



180.9980, -49.2440, 11.3960



188.9110, -8.8540, 28.3140



190.5210, 27.5950, 34.0510

Triad

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



188.9110, -8.8540, 28.3140



184.8660, 55.7990, -3.5370



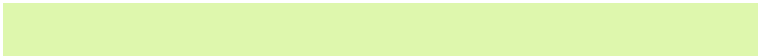
160.6470, -80.7340, -34.6700

Complementary

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



188.9110, -8.8540, 28.3140



231.0890, 8.8540, -28.3140

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.



171.4720, -34.8850, -34.0930



188.9110, -8.8540, 28.3140



182.0170, 35.7200, -19.6080

Square

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



188.9110, -8.8540, 28.3140



186.5810, 61.7560, 15.1640



177.6970, 4.0860, -30.0100



145.6260, -128.9670, -36.0950

Rectangle

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



188.9110, -8.8540, 28.3140



189.2210, 45.9350, 32.0710



177.6970, 4.0860, -30.0100



165.1450, -64.6410, -34.4730

Sweetspot

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



188.9110, -8.8540, 28.3140



237.0140, -2.6150, 8.8490



210.1990, -37.2290, -2.6130



116.2050, -1.8350, 5.7250



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.



188.9110, -8.8540, 28.3140



182.7570, -11.0560, 35.1840



199.9740, 13.1980, 36.1580



112.5640, -1.4680, 4.5800



40.0410, -22.1580, 71.2020



12.7060, -7.0190, 22.5890

Inverse Universe

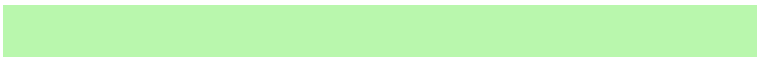
The Inverse Universe completely reimagines the original color for something new.



200.7120, 28.3750, 30.9270



197.4620, 35.2510, 38.4750



220.0260, -13.1980, -36.1580



114.5000, 4.5840, 5.0320



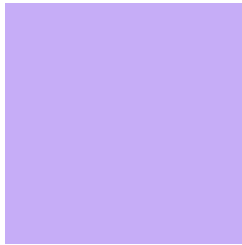
69.6360, 71.3730, 77.6850



22.0870, 22.6450, 24.6370

Previews

White Background



This preview shows how the YIQ color 188.9110, -8.8540, 28.3140 looks on a white background.

Color Contrast Check

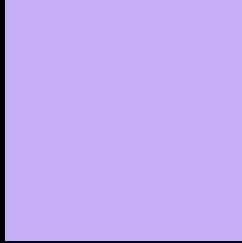
Large Text (above 18pt) WCAG AA × Fail

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 188.9110, -8.8540, 28.3140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

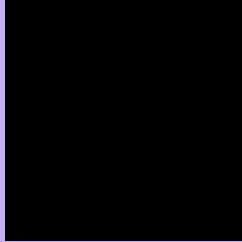
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.9110, -8.8540, 28.3140

Background



This preview shows how black text looks on a background with the YIQ color 188.9110, -8.8540, 28.3140.



This preview shows how white text looks on a background with the YIQ color 188.9110, -8.8540,

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

188.9110, -8.8540, 28.3140

Protanopia

185.4130, -34.1150, 18.0530

Deuteranopia

185.5940, -27.3750, 17.0490



Tritanopia

186.3900, -0.9180, 5.6260

Trichromacy



Original Color

188.9110, -8.8540, 28.3140

Protanomaly

186.3110, -24.9000, 21.7560

Deuteranomaly

186.9370, -20.9110, 21.0490

Tritanomaly

186.9910, -3.8080, 13.9520

Monochromacy



Original Color

188.9110, -8.8540, 28.3140

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

188.7690, -3.3030, 10.3050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.9110, -8.8540, 28.3140 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(198, 173, 247)` looks like.

```
.text, #text, p{  
    color:rgb(198, 173, 247)  
}
```

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(198, 173, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 173, 247) }
```

Border

The CSS property to change the border of an element to YIQ 188.9110, -8.8540, 28.3140 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(198, 173, 247) }
```


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

```
.border{ border-color:rgb(198, 173, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 173, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 173, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 173, 247);  
box-shadow:4px 4px 4px 4px rgb(198, 173,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 188.9110, -8.8540, 28.3140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 173, 247) }
```

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

```
.background{ background-color: rgb(198,  
173, 247) }
```

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