

Converting Colors

YIQ(187.0450, -3.9000, 15.6200)

Have a look what the booklet for
YIQ(187.0450, -3.9000, 15.6200)
contains.

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Color

**YIQ(187.0450, -3.9000,
15.6200)**

Conversions

Conversions Part 1

Format	Color
Hex	C1B2DA
RGB	193, 178, 218
RGB Percent	76%, 70%, 85%
CMY	0.2431, 0.3020, 0.1451
CMYK	0.11, 0.18, 0.00, 0.15
HSL	263°, 35%, 78%
HSV	263°, 18%, 85%
XYZ	50.5688, 48.2391, 72.9674
YIQ	187.0450, -3.9000, 15.6200

Conversions

Conversions Part 2

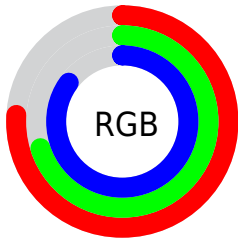
Format	Color
RYB	193, 178, 218
Decimal	12694234
CIELab	74.98, 13.02, -18.17
CIELCh	75, 22.347, 305.623
Yxy	48.2391, 0.2944, 0.2808
Android (android.graphics.Color)	4290884314 (0xFFC1B2DA)
YUV	187.0450, 15.2608, 5.2225
Hunter-Lab	69.4544, 8.4181, -13.6708

Details

The YIQ color $187.0450, -3.9000, 15.6200$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $208.9550, 3.9000, -15.6200$, and the grayscale version is $187.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $241.1780, 2.7950, 9.9230$, and $133.5180, -3.8540, 14.7860$ is the 20% darker color. If you saturate the color by 10%, you get $169.9450, -6.1940, 24.1580$, and if you desaturate by 10%, it is $204.1450, -1.6060, 7.0820$.

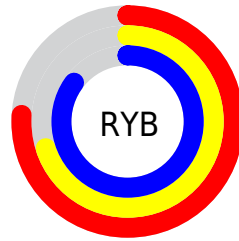
Distribution



Red (76%)

Green (70%)

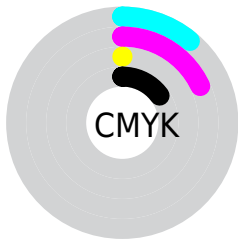
Blue (85%)



Red (76%)

Yellow (70%)

Blue (85%)

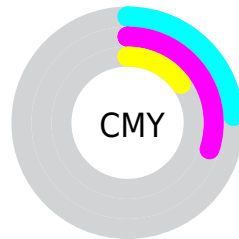


Cyan (11%)

Magenta (18%)

Yellow (0%)

Black (15%)



Cyan (24%)

Magenta (30%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.0450, -3.9000, 15.6200 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 187.0450, -3.9000, 15.6200 by changing the saturation by 10% instead.

■ 187.0450, -3.9000,
15.6200

■ 187.0450, -3.9000,
15.6200

■ 255.0000, -0.0000,
-0.0000

■ 159.9310, -3.5790,
15.3090

■ 241.1780, 2.7950,
9.9230

■ 133.5180, -3.8540,
14.7860

■ 108.4040, -3.5330,
14.4750

■ 83.8770, -3.4870,
13.6410

■ 61.0510, -4.0370,
12.5950

■ 38.5240, -3.9910,
11.7610

■ 17.1220, -2.7990,

12.1850

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,
0.0000

■ 187.0450, -3.9000,
15.6200

■ 187.0450, -3.9000,
15.6200

■ 169.9450, -6.1940,
24.1580

■ 204.1450, -1.6060,
7.0820

■ 153.1440, -7.8920,
32.9080

■ 220.9460, 0.0920,
-1.6680

■ 136.6310,
-10.4610, 40.9230

■ 237.4590, 2.6610,
-9.6830

■ 119.8300,
-12.1590, 49.6730

■ 248.3900, 7.1090,
-13.2030

■ 102.7300,
-14.4530, 58.2110

■ 250.7820, 11.8770,
-11.5070

■ 85.6300, -16.7470,
66.7490

■ 68.8290, -18.4450,
75.4990

■ 52.3160, -21.0140,
83.5140

■ 49.3700, -21.1060,
85.1820

Harmonies

Analogous

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



183.8790, -24.1640, 8.4120



187.0450, -3.9000, 15.6200



188.2770, 15.9980, 18.4460

Triad

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



187.0450, -3.9000, 15.6200



185.6430, 31.6820, -1.4860



175.9520, -35.5760, -16.0560

Complementary

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



187.0450, -3.9000, 15.6200



208.9550, 3.9000, -15.6200

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.



178.3530, -17.8320, -18.2480



187.0450, -3.9000, 15.6200



183.0280, 19.9920, -9.8960

Square

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



187.0450, -3.9000, 15.6200



187.0060, 35.3940, 8.3380



181.0580, 2.1120, -16.2560



176.4490, -44.1050, -10.1610

Rectangle

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



187.0450, -3.9000, 15.6200



188.1980, 26.4060, 17.0460



181.0580, 2.1120, -16.2560



176.6490, -30.3490, -17.1730

Sweetspot

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



187.0450, -3.9000, 15.6200



243.2050, -1.8350, 5.7250



197.2350, -19.7150, -0.6350



120.9230, -1.1010, 3.4350



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.



187.0450, -3.9000, 15.6200



211.6630, -5.4600, 21.8680



193.0250, 8.0200, 19.8600



101.4500, -1.1470, 4.2690



39.1570, -16.7930, 67.5830



10.3270, -4.6340, 17.9100

Inverse Universe

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



192.8100, 15.8150, 16.2550



219.7340, 22.1410, 22.7570



202.9750, -8.0200, -19.8600



103.0870, 4.3090, 4.5090



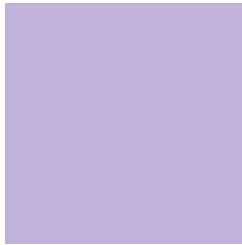
64.0390, 68.4400, 70.2640



17.0600, 18.1070, 18.7710

Previews

White Background



This preview shows how the YIQ color 187.0450, -3.9000, 15.6200 looks on a white background.

Color Contrast Check

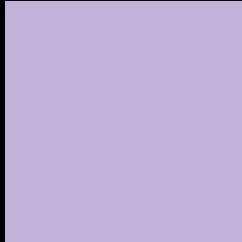
Large Text (above 18pt) WCAG AA × Fail

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 187.0450, -3.9000, 15.6200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

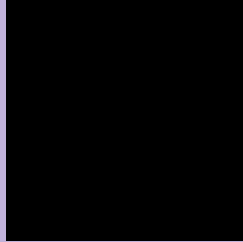
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.0450, -3.9000, 15.6200

Background



This preview shows how black text looks on a background with the YIQ color 187.0450, -3.9000, 15.6200.



This preview shows how white text looks on a background with the YIQ color 187.0450, -3.9000,

15.6200.

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

187.0450, -3.9000, 15.6200

Protanopia

185.2390, -16.3700, 10.3340

Deuteranopia

186.4250, -8.0260, 13.3020



Tritanopia

185.6890, -0.3220, 5.8380

Trichromacy



Original Color

187.0450, -3.9000, 15.6200

Protanomaly

185.7450, -11.9230, 12.3410

Deuteranomaly

186.4360, -6.5590, 14.2490

Tritanomaly

186.3130, -2.0190, 9.0610

Monochromacy



Original Color

187.0450, -3.9000, 15.6200

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

187.0910, -1.5140, 5.4140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.0450, -3.9000, 15.6200 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(193, 178, 218)` looks like.

```
.text, #text, p{  
    color:rgb(193, 178, 218)  
}
```

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(193, 178, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 178, 218) }
```

Border

The CSS property to change the border of an element to YIQ 187.0450, -3.9000, 15.6200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

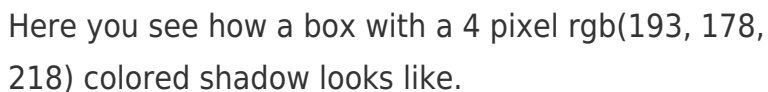
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 178, 218) }
```


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

```
.border{ border-color:rgb(193, 178, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(193, 178, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 178, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 178, 218);  
box-shadow:4px 4px 4px 4px rgb(193, 178,  
218) }
```

Background

The CSS property to change the background color of an element to YIQ 187.0450, -3.9000, 15.6200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 178, 218) }
```

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

```
.background{ background-color: rgb(193,  
178, 218) }
```

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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