

Converting Colors

YIQ(189.1310, -7.0180, 17.0620)

Have a look what the booklet for
YIQ(189.1310, -7.0180, 17.0620)
contains.

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Color

**YIQ(189.1310, -7.0180,
17.0620)**

Conversions

Conversions Part 1

Format	Color
Hex	C1B4E2
RGB	193, 180, 226
RGB Percent	76%, 71%, 89%
CMY	0.2431, 0.2941, 0.1138
CMYK	0.15, 0.20, 0.00, 0.11
HSL	257°, 44%, 80%
HSV	257°, 20%, 89%
XYZ	52.0416, 49.4699, 78.7456
YIQ	189.1310, -7.0180, 17.0620

Conversions

Conversions Part 2

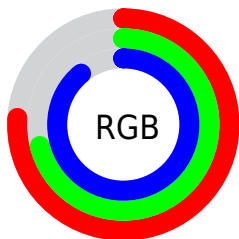
Format	Color
R_{YB}	193, 180, 226
Decimal	12694754
CIE _{Lab}	75.74, 13.61, -21.35
CIE _{LCh}	76, 25.312, 302.513
Yxy	49.4699, 0.2887, 0.2744
Android (android.graphics.Color)	4290884834 (0xFFC1B4E2)
YUV	189.1310, 18.1764, 3.3931
Hunter-Lab	70.3348, 8.9883, -17.1456

Details

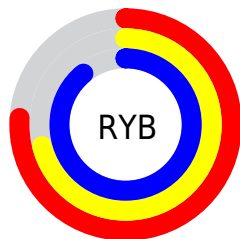
The YIQ color $189.1310, -7.0180, 17.0620$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $216.8690, 7.0180, -17.0620$, and the grayscale version is $189.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $242.3520, 2.2450, 8.8770$, and $135.6040, -6.9720, 16.2280$ is the 20% darker color. If you saturate the color by 10%, you get $170.8460, -10.2290, 25.6990$, and if you desaturate by 10%, it is $207.4160, -3.8070, 8.4250$.

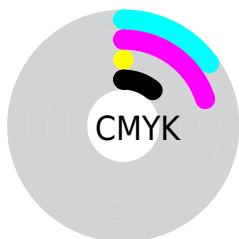
Distribution



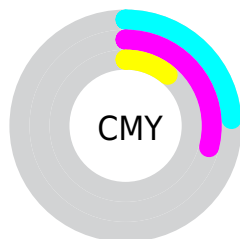
- Red (76%)
- Green (71%)
- Blue (89%)



- Red (76%)
- Yellow (71%)
- Blue (89%)



- Cyan (15%)
- Magenta (20%)
- Yellow (0%)
- Black (11%)



- Cyan (24%)
- Magenta (29%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.1310, -7.0180, 17.0620 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 189.1310, -7.0180, 17.0620 by changing the saturation by 10% instead.

■ 189.1310, -7.0180,
17.0620

■ 189.1310, -7.0180,
17.0620

■ 255.0000, -0.0000,
-0.0000

■ 162.0170, -6.6970,
16.7510

■ 242.3520, 2.2450,
8.8770

■ 135.6040, -6.9720,
16.2280

■ 110.0770, -6.9260,
15.3940

■ 85.5500, -6.8800,
14.5600

■ 62.0230, -6.8340,
13.7260

■ 40.1970, -7.3840,
12.6800

■ 18.9690, -6.7420,

12.0580

■ 3.5510, -8.6210,
7.5630

■ 0.0000, 0.0000,
0.0000

■ 189.1310, -7.0180,
17.0620

■ 189.1310, -7.0180,
17.0620

■ 170.8460,
-10.2290, 25.6990

■ 207.4160, -3.8070,
8.4250

■ 153.1480,
-13.7150, 33.8130

■ 225.1140, -0.3210,
0.3110

■ 134.5640,
-17.5220, 42.2380

■ 243.6980, 3.4860,
-8.1140

■ 116.8660,
-21.0080, 50.3520

■ 251.6940, 9.3090,
-9.0190

■ 98.5810, -24.2190,
58.9890

■ 80.2960, -27.4300,
67.6260

■ 62.5980, -30.9160,
75.7400

■ 44.9000, -34.4020,
83.8540

Harmonies

Analogous

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



185.0570, -30.5370, 8.2710



189.1310, -7.0180, 17.0620



190.8580, 15.8600, 20.9480

Triad

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



189.1310, -7.0180, 17.0620



187.5080, 36.4960, -0.6240



177.1040, -39.0600, -18.9960

Complementary

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



189.1310, -7.0180, 17.0620



216.8690, 7.0180, -17.0620

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.



179.7720, -17.6940, -20.7500



189.1310, -7.0180, 17.0620



185.5400, 24.3020, -10.9140

Square

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



189.1310, -7.0180, 17.0620



189.2130, 39.2450, 10.1330



182.9720, 5.2300, -17.6980



176.4480, -51.5320, -13.2280

Rectangle

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



189.1310, -7.0180, 17.0620



190.2630, 27.7810, 19.6610



182.9720, 5.2300, -17.6980



177.9860, -32.9160, -20.2120

Sweetspot

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



189.1310, -7.0180, 17.0620



242.9060, -2.4310, 5.5130



205.2020, -24.1160, -3.4760



120.6240, -1.6970, 3.2230



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.



189.1310, -7.0180, 17.0620



206.0370, -9.4490, 22.5750



195.7090, 6.0940, 21.7260



103.1510, -1.7430, 4.0570



35.0140, -26.6960, 65.3360



9.6580, -7.0640, 17.8960

Inverse Universe

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



197.5160, 16.8230, 20.0150



217.2550, 22.2320, 26.6160



210.2910, -6.0940, -21.7260



105.2010, 3.9880, 4.8200



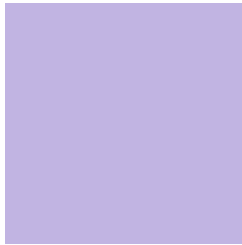
66.9880, 64.4500, 76.4980



18.3420, 17.3730, 21.0610

Previews

White Background



This preview shows how the YIQ color 189.1310, -7.0180, 17.0620 looks on a white background.

Color Contrast Check

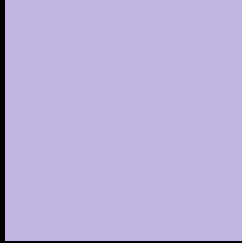
Large Text (above 18pt) WCAG AA × Fail

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 189.1310, -7.0180, 17.0620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

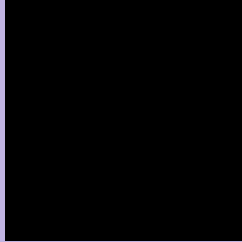
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 189.1310, -7.0180, 17.0620

Background



This preview shows how black text looks on a background with the YIQ color 189.1310, -7.0180, 17.0620.



This preview shows how white text looks on a background with the YIQ color 189.1310, -7.0180,

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

189.1310, -7.0180, 17.0620

Protanopia

187.3250, -19.4880, 11.7760

Deuteranopia

188.6850, -11.6940, 13.6980



Tritanopia

187.4930, -2.7060, 4.9900

Trichromacy



Original Color

189.1310, -7.0180, 17.0620

Protanomaly

187.8310, -15.0410, 13.7830

Deuteranomaly

188.9950, -9.6310, 14.8570

Tritanomaly

188.0570, -4.1740, 9.5700

Monochromacy



Original Color

189.1310, -7.0180, 17.0620

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

189.0200, -2.7520, 5.8240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.1310, -7.0180, 17.0620 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, 180, 226)` looks like.

```
.text, #text, p{  
    color:rgb(193, 180, 226)  
}
```

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, 180, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 180, 226) }
```

Border

The CSS property to change the border of an element to YIQ 189.1310, -7.0180, 17.0620 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, 180, 226) }
```


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

```
.border{ border-color:rgb(193, 180, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 180, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 180, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 180, 226);  
box-shadow:4px 4px 4px 4px rgb(193, 180,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 189.1310, -7.0180, 17.0620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 180, 226) }
```

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

```
.background{ background-color: rgb(193,  
180, 226) }
```

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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