

Converting Colors

YIQ(197.3140, -11.7870,
20.8930)

Have a look what the booklet for
YIQ(197.3140, -11.7870, 20.8930)
contains.

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Color

**YIQ(197.3140, -11.7870,
20.8930)**

Conversions

Conversions Part 1

Format	Color
Hex	C7BBF6
RGB	199, 187, 246
RGB Percent	78%, 73%, 96%
CMY	0.2195, 0.2667, 0.0354
CMYK	0.19, 0.24, 0.00, 0.04
HSL	252°, 77%, 85%
HSV	252°, 24%, 96%
XYZ	57.9578, 54.3353, 94.6029
YIQ	197.3140, -11.7870, 20.8930

Conversions

Conversions Part 2

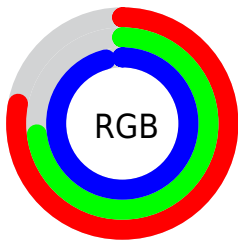
Format	Color
R _Y B	199, 187, 246
Decimal	13089782
CIE Lab	78.66, 15.99, -27.64
CIE LCh	79, 31.935, 300.050
Yxy	54.3353, 0.2801, 0.2626
Android (android.graphics.Color)	4291279862 (0xFFC7BBF6)
YUV	197.3140, 24.0022, 1.4786
Hunter-Lab	73.7125, 11.3520, -24.4942

Details

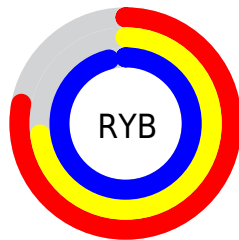
The YIQ color $197.3140, -11.7870, 20.8930$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $235.6860, 11.7870, -20.8930$, and the grayscale version is $197.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $247.9560, 3.3000, 6.2760$, and $143.3740, -12.0160, 19.5360$ is the 20% darker color. If you saturate the color by 10%, you get $176.6590, -16.8320, 29.7280$, and if you desaturate by 10%, it is $217.9690, -6.7420, 12.0580$.

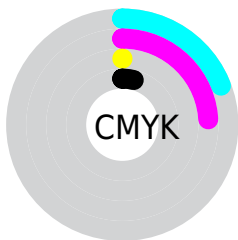
Distribution



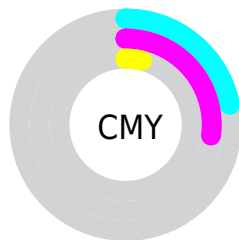
- Red (78%)
- Green (73%)
- Blue (96%)



- Red (78%)
- Yellow (73%)
- Blue (96%)



- Cyan (19%)
- Magenta (24%)
- Yellow (0%)
- Black (4%)



- Cyan (22%)
- Magenta (27%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.3140, -11.7870, 20.8930 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 197.3140, -11.7870, 20.8930 by changing the saturation by 10% instead.

■ 197.3140,
-11.7870, 20.8930

■ 197.3140,
-11.7870, 20.8930

■ 255.0000, -0.0000,
-0.0000

■ 169.7870,
-11.7410, 20.0590

■ 247.9560, 3.3000,
6.2760

■ 143.3740,
-12.0160, 19.5360

■ 117.7330,
-11.6490, 18.3910

■ 92.6190, -11.3280,
18.0800

■ 68.6790, -11.5570,
16.7230

■ 45.8530, -12.1070,
15.6770

■ 24.2010, -13.2070,

13.5850

■ 4.5600, -12.8400,
12.4400

■ 2.6390, -6.0530,
5.0750

■ 197.3140,
-11.7870, 20.8930

■ 197.3140,
-11.7870, 20.8930

■ 176.6590,
-16.8320, 29.7280

■ 217.9690, -6.7420,
12.0580

■ 156.8900,
-21.5560, 38.2520

■ 237.7380, -2.0180,
3.5340

■ 136.2350,
-26.6010, 47.0870

■ 253.9740, 2.8890,
-2.7990

■ 116.4660,
-31.3250, 55.6110

■ 95.8110, -36.3700,
64.4460

■ 75.4550, -40.8190,
73.4930

■ 55.3870, -46.1390,
81.8050

■ 42.9940, -49.1660,
87.1060

Harmonies

Analogous

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



191.2390, -42.7330, 9.0350



197.3140, -11.7870, 20.8930



199.8030, 17.6930, 26.2770

Triad

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



197.3140, -11.7870, 20.8930



195.5970, 46.4910, -0.0450



181.2550, -49.9710, -25.0030

Complementary

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



197.3140, -11.7870, 20.8930



235.6860, 11.7870, -20.8930

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.



185.6420, -20.4440, -25.9800



197.3140, -11.7870, 20.8930



193.2650, 32.3260, -13.1620

Square

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



197.3140, -11.7870, 20.8930



197.2960, 49.3770, 13.7370



189.8920, 8.2110, -22.1650



178.8910, -69.1370, -19.0650

Rectangle

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



197.3140, -11.7870, 20.8930



199.4750, 33.2360, 25.4280



189.8920, 8.2110, -22.1650



182.9910, -40.4800, -26.3040

Sweetspot

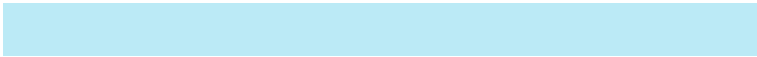
The Sweet Spot groups the original color and five complimentary colors.



197.3140, -11.7870, 20.8930



240.2480, -3.3940, 6.4460



221.3150, -31.8640, -6.2320



118.8520, -2.3390, 3.8450



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.



197.3140, -11.7870, 20.8930



193.9210, -14.8140, 26.1940



205.9850, 5.4970, 27.0410



112.2650, -2.0640, 4.3680



32.5660, -37.0580, 65.9020



10.3140, -11.7870, 20.8930

Inverse Universe

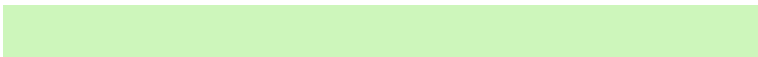
The Inverse Universe completely reimagines the original color for something new.



209.9990, 20.0770, 27.1250



209.8520, 25.1650, 34.0370



227.0150, -5.4970, -27.0410



114.7280, 3.9420, 5.6540



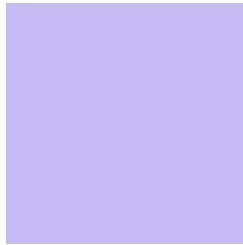
72.4860, 63.3480, 85.4600



22.9990, 20.0770, 27.1250

Previews

White Background



This preview shows how the YIQ color 197.3140, -11.7870, 20.8930 looks on a white background.

Color Contrast Check

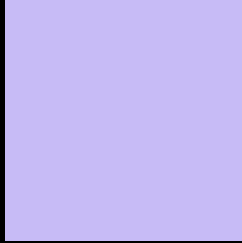
Large Text (above 18pt) WCAG AA × Fail

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 197.3140, -11.7870, 20.8930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

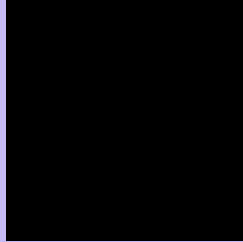
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 197.3140, -11.7870, 20.8930

Background



This preview shows how black text looks on a background with the YIQ color 197.3140, -11.7870, 20.8930.

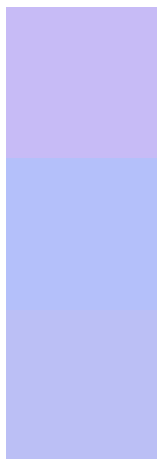


This preview shows how white text looks on a background with the YIQ color 197.3140, -11.7870,

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

197.3140, -11.7870, 20.8930

Protanopia

195.0240, -25.7700, 15.4940

Deuteranopia

195.9600, -19.7180, 15.9460



Tritanopia

195.1120, -6.0070, 4.2410

Trichromacy



Original Color

197.3140, -11.7870, 20.8930

Protanomaly

195.8290, -20.7270, 17.7130

Deuteranomaly

196.5690, -17.0590, 17.3170

Tritanomaly

195.7300, -7.5670, 10.4890

Monochromacy



Original Color

197.3140, -11.7870, 20.8930

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

197.0030, -4.0820, 7.9020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.3140, -11.7870, 20.8930 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(199, 187, 246)` looks like.

```
.text, #text, p{  
    color:rgb(199, 187, 246)  
}
```

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(199, 187, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 187, 246) }
```

Border

The CSS property to change the border of an element to YIQ 197.3140, -11.7870, 20.8930 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(199, 187, 246) }
```


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

```
.border{ border-color:rgb(199, 187, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 187, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 187, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 187, 246);  
box-shadow:4px 4px 4px 4px rgb(199, 187,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 197.3140, -11.7870, 20.8930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 187, 246) }
```

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

```
.background{ background-color: rgb(199,  
187, 246) }
```

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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