

Converting Colors

YIQ(197.8280, -1.7910, 15.9450)

Have a look what the booklet for
YIQ(197.8280, -1.7910, 15.9450)
contains.

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Color

**YIQ(197.8280, -1.7910,
15.9450)**

Conversions

Conversions Part 1

Format	Color
Hex	CEBCE3
RGB	206, 188, 227
RGB Percent	81%, 74%, 89%
CMY	0.1921, 0.2628, 0.1098
CMYK	0.09, 0.17, 0.00, 0.11
HSL	268°, 41%, 81%
HSV	268°, 17%, 89%
XYZ	57.3038, 54.6330, 80.1912
YIQ	197.8280, -1.7910, 15.9450

Conversions

Conversions Part 2

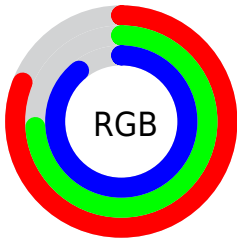
Format	Color
R _Y B	206, 188, 227
Decimal	13548771
CIE Lab	78.83, 13.65, -17.12
CIE LCh	79, 21.890, 308.567
Yxy	54.6330, 0.2983, 0.2844
Android (android.graphics.Color)	4291738851 (0xFFCEBCE3)
YUV	197.8280, 14.3818, 7.1668
Hunter-Lab	73.9142, 9.0368, -12.5852

Details

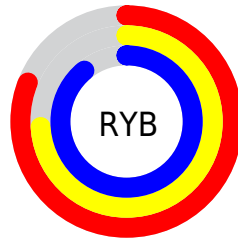
The YIQ color $197.8280, -1.7910, 15.9450$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $217.1720, 1.7910, -15.9450$, and the grayscale version is $198.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $248.5430, 3.0250, 5.7530$, and $144.3010, -1.7450, 15.1110$ is the 20% darker color. If you saturate the color by 10%, you get $180.7390, -2.6180, 25.4300$, and if you desaturate by 10%, it is $214.9170, -0.9640, 6.4600$.

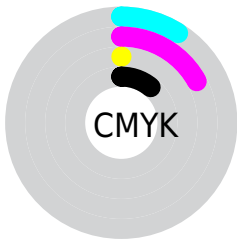
Distribution



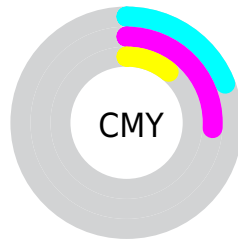
- Red (81%)
- Green (74%)
- Blue (89%)



- Red (81%)
- Yellow (74%)
- Blue (89%)



- Cyan (9%)
- Magenta (17%)
- Yellow (0%)
- Black (11%)



- Cyan (19%)
- Magenta (26%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.8280, -1.7910, 15.9450 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 197.8280, -1.7910, 15.9450 by changing the saturation by 10% instead.

■ 197.8280, -1.7910,
15.9450

■ 197.8280, -1.7910,
15.9450

■ 255.0000, -0.0000,
-0.0000

■ 170.4150, -2.0660,
15.4220

■ 248.5430, 3.0250,
5.7530

■ 144.3010, -1.7450,
15.1110

■ 117.8880, -2.0200,
14.5880

■ 93.3610, -1.9740,
13.7540

■ 69.8340, -1.9280,
12.9200

■ 47.4210, -2.2030,
12.3970

■ 25.8940, -2.1570,

11.5630

■ 4.6870, -6.0080,
9.7680

■ 0.0000, 0.0000,
0.0000

■ 197.8280, -1.7910,
15.9450

■ 197.8280, -1.7910,
15.9450

■ 180.7390, -2.6180,
25.4300

■ 214.9170, -0.9640,
6.4600

■ 164.2370, -3.7200,
34.3920

■ 231.4190, 0.1380,
-2.5020

■ 146.8490, -5.1430,
43.6650

■ 248.2200, 1.8360,
-11.2520

■ 129.7600, -5.9700,
53.1500

■ 251.8080, 8.9880,
-8.7080

■ 113.2580, -7.0720,
62.1120

■ 96.1690, -7.8990,
71.5970

■ 79.0800, -8.7260,
81.0820

■ 61.6920, -10.1490,
90.3550

■ 57.2730, -10.2870,
92.8570

Harmonies

Analogous

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



194.7760, -22.3760, 9.0480



197.8280, -1.7910, 15.9450



199.2340, 17.5570, 17.7250

Triad

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



197.8280, -1.7910, 15.9450



195.9310, 30.8110, -2.2210



187.0660, -35.8970, -15.7450

Complementary

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



197.8280, -1.7910, 15.9450



217.1720, 1.7910, -15.9450

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.



188.9830, -19.6660, -18.0500



197.8280, -1.7910, 15.9450



194.0170, 18.5250, -10.8430

Square

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



197.8280, -1.7910, 15.9450



197.4790, 35.4400, 7.5040



191.5740, 0.5990, -16.3690



187.2750, -43.5550, -9.1150

Rectangle

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



197.8280, -1.7910, 15.9450



198.9700, 27.0480, 16.4240



191.5740, 0.5990, -16.3690



187.4640, -31.2660, -17.0740

Sweetspot

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



197.8280, -1.7910, 15.9450



245.2760, -0.5970, 5.3150



204.7730, -18.2940, 1.1460



121.8090, -0.7800, 3.1240



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.



197.8280, -1.7910, 15.9450



214.6310, -2.4340, 22.0940



203.5090, 9.5330, 19.9730



106.1620, -0.2760, 5.0040



44.9240, -8.5870, 73.0530



12.9900, -2.0670, 20.9490

Inverse Universe

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



202.0550, 16.5030, 14.7990



220.4520, 22.8750, 20.4670



211.4910, -9.5330, -19.9730



107.2720, 5.2260, 4.4100



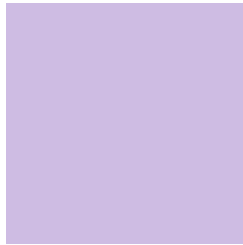
64.4650, 75.8680, 67.8040



18.3270, 21.7290, 19.2090

Previews

White Background



This preview shows how the YIQ color 197.8280, -1.7910, 15.9450 looks on a white background.

Color Contrast Check

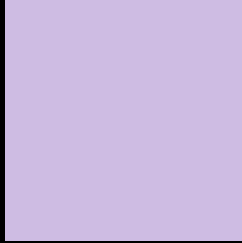
Large Text (above 18pt) WCAG AA × Fail

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 197.8280, -1.7910, 15.9450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

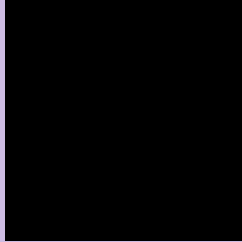
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 197.8280, -1.7910, 15.9450

Background



This preview shows how black text looks on a background with the YIQ color 197.8280, -1.7910, 15.9450.



This preview shows how white text looks on a background with the YIQ color 197.8280, -1.7910,

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

197.8280, -1.7910, 15.9450

Protanopia

195.8370, -15.1780, 10.7580

Deuteranopia

196.9090, -6.5130, 13.4150



Tritanopia

196.9990, 1.7410, 6.9970

Trichromacy



Original Color

197.8280, -1.7910, 15.9450

Protanomaly

196.6420, -10.1350, 12.9770

Deuteranomaly

197.2190, -4.4500, 14.5740

Tritanomaly

197.5090, 0.3650, 9.9090

Monochromacy



Original Color

197.8280, -1.7910, 15.9450

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

197.8030, -0.6430, 6.1490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.8280, -1.7910, 15.9450 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(206, 188, 227)` looks like.

```
.text, #text, p{  
    color:rgb(206, 188, 227)  
}
```

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(206, 188, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 188, 227) }
```

Border

The CSS property to change the border of an element to YIQ 197.8280, -1.7910, 15.9450 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(206, 188, 227) }
```


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

```
.border{ border-color:rgb(206, 188, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 188, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 188, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 188, 227);  
box-shadow:4px 4px 4px 4px rgb(206, 188,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 197.8280, -1.7910, 15.9450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 188, 227) }
```

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

```
.background{ background-color: rgb(206,  
188, 227) }
```

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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