

Converting Colors

YIQ(199.5470, -10.8250,
25.4870)

Have a look what the booklet for
YIQ(199.5470, -10.8250, 25.4870)
contains.

YIQ(199.5470, -10.8250, 25.4870)	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(199.5470, -10.8250,
25.4870)**

Conversions

Conversions Part 1

Format	Color
Hex	CDBAFF
RGB	205, 186, 255
RGB Percent	80%, 73%, 100%
CMY	0.1960, 0.2706, 0.0001
CMYK	0.20, 0.27, 0.00, 0.00
HSL	257°, 100%, 86%
HSV	257°, 27%, 100%
XYZ	60.7863, 55.3153, 102.0601
YIQ	199.5470, -10.8250, 25.4870

Conversions

Conversions Part 2

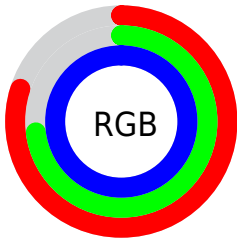
Format	Color
R _Y B	205, 186, 255
Decimal	13482751
CIE Lab	79.22, 20.34, -31.56
CIE LCh	79, 37.544, 302.807
Yxy	55.3153, 0.2786, 0.2536
Android (android.graphics.Color)	4291672831 (0xFFCDBAFF)
YUV	199.5470, 27.3383, 4.7823
Hunter-Lab	74.3742, 15.7338, -29.2988

Details

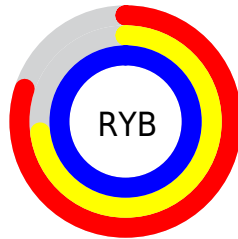
The YIQ color $199.5470, -10.8250, 25.4870$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $241.4530, 10.8250, -25.4870$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $247.3690, 3.5750, 6.7990$, and $145.4930, -10.7330, 23.8190$ is the 20% darker color. If you saturate the color by 10%, you get $178.9030, -14.4030, 35.2690$, and if you desaturate by 10%, it is $219.6040, -6.9720, 16.2280$.

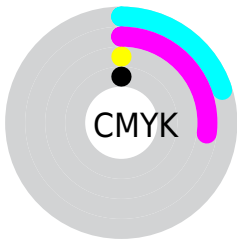
Distribution



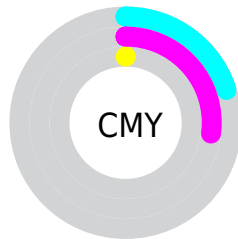
- Red (80%)
- Green (73%)
- Blue (100%)



- Red (80%)
- Yellow (73%)
- Blue (100%)



- Cyan (20%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.5470, -10.8250, 25.4870 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 199.5470, -10.8250, 25.4870 by changing the saturation by 10% instead.

■ 199.5470,
-10.8250, 25.4870

■ 199.5470,
-10.8250, 25.4870

■ 255.0000, -0.0000,
-0.0000

■ 172.0200,
-10.7790, 24.6530

■ 247.3690, 3.5750,
6.7990

■ 145.4930,
-10.7330, 23.8190

■ 119.0800,
-11.0080, 23.2960

■ 94.4390, -10.6410,
22.1510

■ 70.2000, -11.4660,
20.5820

■ 47.2600, -11.6950,
19.2250

■ 25.3090, -13.3910,

16.9210

■ 5.6570, -14.4910,
14.8290

■ 3.4370, -8.3000,
7.2520

■ 199.5470,
-10.8250, 25.4870

■ 199.5470,
-10.8250, 25.4870

■ 178.9030,
-14.4030, 35.2690

■ 219.6040, -6.9720,
16.2280

■ 158.5470,
-18.8520, 44.3160

■ 240.5470, -2.7980,
6.6580

■ 138.4900,
-22.7050, 53.5750

255.0000, -0.0000,
-0.0000

■ 117.5470,
-26.8790, 63.1450

■ 97.4900, -30.7320,
72.4040

■ 76.5470, -34.9060,
81.9740

■ 56.4900, -38.7590,
91.2330

■ 50.0000, -40.1350,
94.1450

Harmonies

Analogous

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



191.0430, -45.1170, 8.1870



199.5470, -10.8250, 25.4870



201.4880, 23.1940, 31.2100

Triad

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



199.5470, -10.8250, 25.4870



196.3650, 52.9560, -1.5720



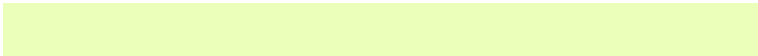
177.4810, -65.4670, -30.5150

Complementary

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



199.5470, -10.8250, 25.4870



241.4530, 10.8250, -25.4870

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.



184.2880, -28.3750, -30.9270



199.5470, -10.8250, 25.4870



193.7120, 35.2610, -16.7950

Square

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



199.5470, -10.8250, 25.4870



196.0360, 53.0450, 13.3410



189.6590, 7.2490, -26.7590



173.4090, -91.3270, -24.4070

Rectangle

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



199.5470, -10.8250, 25.4870



199.5190, 39.1040, 29.2160



189.6590, 7.2490, -26.7590



180.2990, -53.2710, -31.2790

Sweetspot

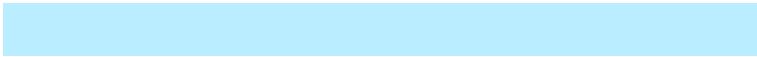
The Sweet Spot groups the original color and five complimentary colors.



199.5470, -10.8250, 25.4870



238.7750, -3.4400, 7.2800



223.8030, -36.1740, -5.2140



117.3790, -2.3850, 4.6790



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.



199.5470, -10.8250, 25.4870



189.2250, -12.6140, 30.3780



209.7130, 9.4390, 32.6950



117.3790, -2.3850, 4.6790



37.6210, -29.7230, 70.6370



12.6780, -9.8160, 23.7200

Inverse Universe

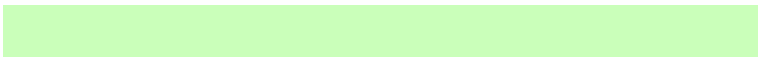
The Inverse Universe completely reimagines the original color for something new.



212.3310, 25.0740, 30.1780



204.2440, 29.9330, 35.7330



231.2870, -9.4390, -32.6950



119.9130, 4.8590, 5.5550



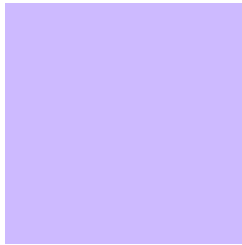
72.8410, 69.5380, 83.4100



24.3800, 23.3780, 27.8740

Previews

White Background



This preview shows how the YIQ color 199.5470, -10.8250, 25.4870 looks on a white background.

Color Contrast Check

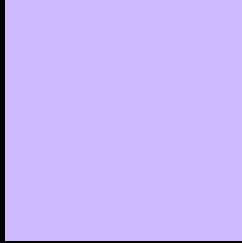
Large Text (above 18pt) WCAG AA × Fail

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 199.5470, -10.8250, 25.4870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

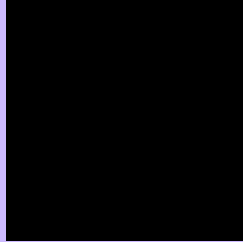
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.5470, -10.8250, 25.4870

Background



This preview shows how black text looks on a background with the YIQ color 199.5470, -10.8250, 25.4870.



This preview shows how white text looks on a background with the YIQ color 199.5470, -10.8250, 25.4870.

25.4870.

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

199.5470, -10.8250, 25.4870

Protanopia

196.7680, -27.9250, 16.0030

Deuteranopia

197.5620, -24.3490, 17.2750



Tritanopia

196.7210, -3.3480, 5.6120

Trichromacy



Original Color

199.5470, -10.8250, 25.4870

Protanomaly

197.6980, -21.7360, 19.4800

Deuteranomaly

197.8940, -19.3520, 20.3280

Tritanomaly

197.6810, -5.8710, 12.7930

Monochromacy



Original Color

199.5470, -10.8250, 25.4870

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

199.9430, -3.8530, 9.2590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.5470, -10.8250, 25.4870 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(205, 186, 255)` looks like.

```
.text, #text, p{  
    color:rgb(205, 186, 255)  
}
```

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(205, 186, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 186, 255) }
```

Border

The CSS property to change the border of an element to YIQ 199.5470, -10.8250, 25.4870 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(205, 186, 255) }
```


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

```
.border{ border-color:rgb(205, 186, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 186, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 186, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 186, 255);  
box-shadow:4px 4px 4px 4px rgb(205, 186,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 199.5470, -10.8250, 25.4870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 186, 255) }
```

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

```
.background{ background-color: rgb(205,  
186, 255) }
```

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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