

Converting Colors

YIQ(195.1330, -18.5270,
21.8970)

Have a look what the booklet for
YIQ(195.1330, -18.5270, 21.8970)
contains.

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Color

**YIQ(195.1330, -18.5270,
21.8970)**

Conversions

Conversions Part 1

Format	Color
Hex	BFBAFD
RGB	191, 186, 253
RGB Percent	75%, 73%, 99%
CMY	0.2509, 0.2706, 0.0080
CMYK	0.24, 0.26, 0.00, 0.01
HSL	244°, 94%, 86%
HSV	244°, 26%, 99%
XYZ	56.7723, 53.2850, 100.1946
YIQ	195.1330, -18.5270, 21.8970

Conversions

Conversions Part 2

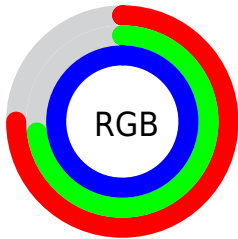
Format	Color
RYB	191, 186, 253
Decimal	12565245
CIELab	78.04, 15.73, -32.39
CIELCh	78, 36.006, 295.900
Yxy	53.2850, 0.2700, 0.2534
Android (android.graphics.Color)	4290755325 (0xFFBFBAFD)
YUV	195.1330, 28.5284, -3.6246
Hunter-Lab	72.9965, 11.0826, -30.2835

Details

The YIQ color $195.1330, -18.5270, 21.8970$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $243.8670, 18.5270, -21.8970$, and the grayscale version is $195.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $245.2760, -0.5970, 5.3150$, and $141.0790, -18.4350, 20.2290$ is the 20% darker color. If you saturate the color by 10%, you get $173.5810, -25.3600, 30.0960$, and if you desaturate by 10%, it is $216.6850, -11.6940, 13.6980$.

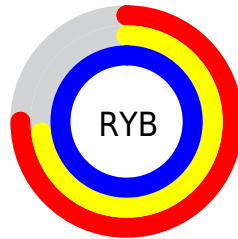
Distribution



Red (75%)

Green (73%)

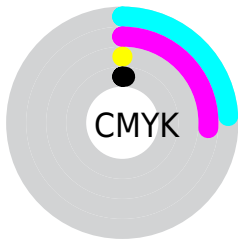
Blue (99%)



Red (75%)

Yellow (73%)

Blue (99%)

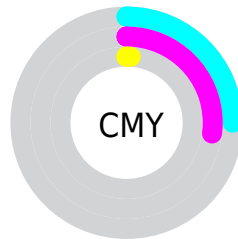


Cyan (24%)

Magenta (26%)

Yellow (0%)

Black (1%)



Cyan (25%)

Magenta (27%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.1330, -18.5270, 21.8970 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 195.1330, -18.5270, 21.8970 by changing the saturation by 10% instead.

■ 195.1330,
-18.5270, 21.8970

■ 195.1330,
-18.5270, 21.8970

■ 255.0000, -0.0000,
-0.0000

■ 167.6060,
-18.4810, 21.0630

■ 245.2760, -0.5970,
5.3150

■ 141.0790,
-18.4350, 20.2290

■ 115.5520,
-18.3890, 19.3950

■ 90.6120, -18.6180,
18.0380

■ 66.0850, -18.5720,
17.2040

■ 43.1340, -20.2680,
14.9000

■ 19.6880, -24.9440,

11.5360

■ 5.1300, -14.4450,
13.9950

■ 3.2090, -7.6580,
6.6300

■ 195.1330,
-18.5270, 21.8970

■ 195.1330,
-18.5270, 21.8970

■ 173.5810,
-25.3600, 30.0960

■ 216.6850,
-11.6940, 13.6980

■ 151.1430,
-32.5140, 38.6060

■ 239.1230, -4.5400,
5.1880

■ 129.5910,
-39.3470, 46.8050

254.7720, 0.6420,
-0.6220

■ 107.7400,
-46.7760, 54.7920

■ 86.1880, -53.6090,
62.9910

■ 64.0490, -60.1670,
71.7130

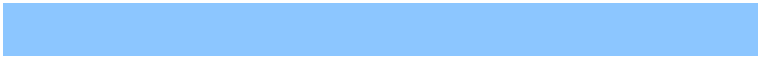
■ 42.1980, -67.5960,
79.7000

■ 34.5230, -69.8890,
82.7110

Harmonies

Analogous

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



187.1560, -52.8650, 5.4310



195.1330, -18.5270, 21.8970



198.1280, 15.4000, 29.2880

Triad

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



195.1330, -18.5270, 21.8970



193.8860, 53.0470, 2.2870



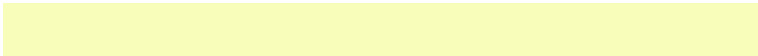
177.1680, -54.2800, -29.5120

Complementary

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



195.1330, -18.5270, 21.8970



243.8670, 18.5270, -21.8970

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.



183.0180, -18.7470, -29.2030



195.1330, -18.5270, 21.8970



191.0870, 38.6990, -13.0210

Square

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



195.1330, -18.5270, 21.8970



194.2580, 52.5400, 16.9880



188.0620, 13.4840, -24.1160



172.6720, -81.8820, -24.8740

Rectangle

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



195.1330, -18.5270, 21.8970



197.5940, 34.5190, 29.7110



188.0620, 13.4840, -24.1160



179.2140, -42.7260, -29.6540

Sweetspot

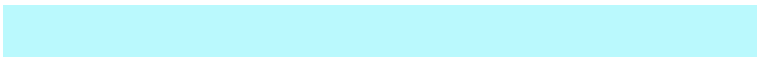
The Sweet Spot groups the original color and five complimentary colors.



195.1330, -18.5270, 21.8970



237.5790, -5.8240, 6.4320



230.6190, -38.8320, -12.1120



116.7810, -3.5770, 4.2550



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.



195.1330, -18.5270, 21.8970



184.4410, -22.1500, 26.9860



205.0000, 1.1410, 28.8930



116.7810, -3.5770, 4.2550



25.9600, -52.9670, 62.3690



8.7910, -17.5640, 20.9640

Inverse Universe

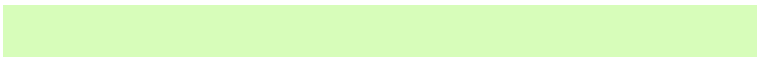
The Inverse Universe completely reimagines the original color for something new.



213.1010, 20.0300, 33.4860



206.1820, 24.4760, 41.0200



234.0000, -1.1410, -28.8930



120.2550, 3.8960, 6.4880



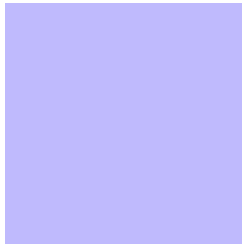
77.2870, 57.0190, 95.5390



25.8620, 19.2050, 31.9170

Previews

White Background



This preview shows how the YIQ color 195.1330, -18.5270, 21.8970 looks on a white background.

Color Contrast Check

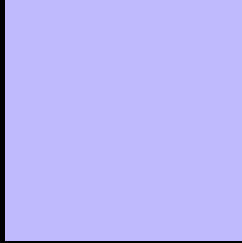
Large Text (above 18pt) WCAG AA × Fail

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 195.1330, -18.5270, 21.8970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

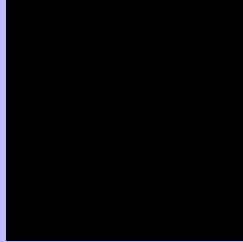
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 195.1330, -18.5270, 21.8970

Background



This preview shows how black text looks on a background with the YIQ color 195.1330, -18.5270, 21.8970.



This preview shows how white text looks on a background with the YIQ color 195.1330, -18.5270,

21.8970.

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

195.1330, -18.5270, 21.8970

Protanopia

193.5120, -30.0800, 16.5120

Deuteranopia

194.0780, -25.8620, 17.1620



Tritanopia

192.5350, -11.6920, 2.6440

Trichromacy



Original Color

195.1330, -18.5270, 21.8970

Protanomaly

194.0180, -25.6330, 18.5190

Deuteranomaly

194.6870, -23.2030, 18.5330

Tritanomaly

193.4950, -14.2150, 9.8250

Monochromacy



Original Color

195.1330, -18.5270, 21.8970

Achromatopsia

195.0000, -0.0000, 0.0000

Achromatomaly

195.3340, -6.5120, 7.8880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.1330, -18.5270, 21.8970 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(191, 186, 253)` looks like.

```
.text, #text, p{  
    color:rgb(191, 186, 253)  
}
```

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(191, 186, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 186, 253) }
```

Border

The CSS property to change the border of an element to YIQ 195.1330, -18.5270, 21.8970 is called "border". The border property can be set on classes, ids or directly on the HTML element.

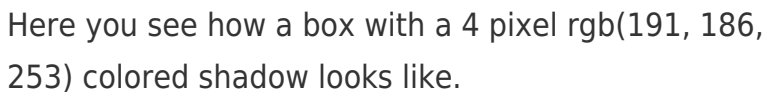
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 186, 253) }
```


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

```
.border{ border-color:rgb(191, 186, 253) }
```

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



Here you see how a box with a 4 pixel `rgb(191, 186, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 186, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 186, 253); box-shadow:4px 4px 4px 4px rgb(191, 186, 253) }
```

Background

The CSS property to change the background color of an element to YIQ 195.1330, -18.5270, 21.8970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 186, 253) }
```

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

```
.background{ background-color: rgb(191,  
186, 253) }
```

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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