

Converting Colors

YIQ(220.2990, -16.5990, 8.9770)

Have a look what the booklet for
YIQ(220.2990, -16.5990, 8.9770)
contains.

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Color

**YIQ(220.2990, -16.5990,
8.9770)**

Conversions

Conversions Part 1

Format	Color
Hex	D2DBFE
RGB	210, 219, 254
RGB Percent	82%, 86%, 100%
CMY	0.1765, 0.1411, 0.0040
CMYK	0.17, 0.14, 0.00, 0.00
HSL	228°, 96%, 91%
HSV	228°, 17%, 100%
XYZ	69.7965, 71.5209, 103.8723
YIQ	220.2990, -16.5990, 8.9770

Conversions

Conversions Part 2

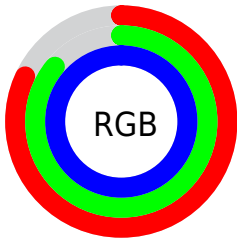
Format	Color
RYB	210, 217, 254
Decimal	13818878
CIELab	87.74, 3.95, -18.03
CIELCh	88, 18.454, 282.363
Yxy	71.5209, 0.2847, 0.2917
Android (android.graphics.Color)	4292008958 (0xFFD2DBFE)
YUV	220.2990, 16.6146, -9.0322
Hunter-Lab	84.5701, -0.6798, -13.6233

Details

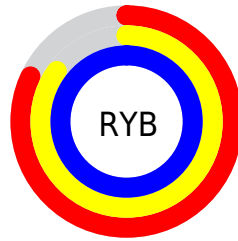
The YIQ color $220.2990, -16.5990, 8.9770$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $243.7010, 16.5990, -8.9770$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $165.0710, -15.9570, 8.3550$ is the 20% darker color. If you saturate the color by 10%, you get $201.0840, -25.9990, 14.1370$, and if you desaturate by 10%, it is $239.5140, -7.1990, 3.8170$.

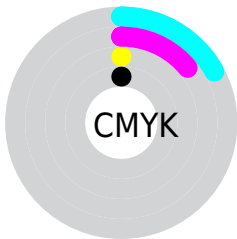
Distribution



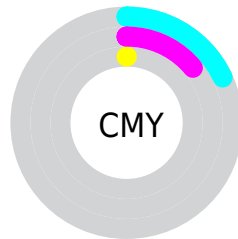
- Red (82%)
- Green (86%)
- Blue (100%)



- Red (82%)
- Yellow (85%)
- Blue (100%)



- Cyan (17%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.2990, -16.5990, 8.9770 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 220.2990, -16.5990, 8.9770 by changing the saturation by 10% instead.

■ 220.2990,
-16.5990, 8.9770

■ 220.2990,
-16.5990, 8.9770

255.0000, -0.0000,
-0.0000

■ 192.1850,
-16.2780, 8.6660

■ 165.0710,
-15.9570, 8.3550

■ 138.9570,
-15.6360, 8.0440

■ 112.8430,
-15.3150, 7.7330

■ 88.7290, -14.9940,
7.4220

■ 65.2020, -14.9480,
6.5880

■ 42.6750, -14.9020,

5.7540

■ 21.2510, -16.6440,
4.2840

■ 3.5510, -8.6210,
7.5630

■ 220.2990,
-16.5990, 8.9770

■ 220.2990,
-16.5990, 8.9770

■ 201.0840,
-25.9990, 14.1370

■ 239.5140, -7.1990,
3.8170

■ 181.5700,
-35.9950, 19.0850

254.8860, 0.3210,
-0.3110

■ 161.7680,
-45.1200, 24.7680

■ 142.2540,
-55.1160, 29.7160

■ 123.0390,
-64.5160, 34.8760

■ 103.8240,
-73.9160, 40.0360

■ 84.3100, -83.9120,
44.9840

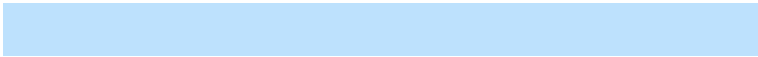
■ 64.5080, -93.0370,
50.6670

■ 59.4800, -95.8340,
51.7980

Harmonies

Analogous

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



217.4280, -30.4440, 1.0760



220.2990, -16.5990, 8.9770



222.4430, 0.7310, 14.2910

Triad

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



220.2990, -16.5990, 8.9770



221.9730, 30.9930, 5.4970



214.4610, -18.0160, -14.9120

Complementary

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



220.2990, -16.5990, 8.9770



243.7010, 16.5990, -8.9770

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.



216.3720, -1.6480, -14.1920



220.2990, -16.5990, 8.9770



220.4790, 26.2720, -2.5600

Square

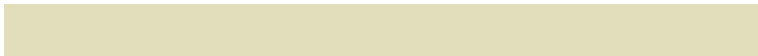
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



220.2990, -16.5990, 8.9770



222.6230, 26.4070, 11.5190



218.5050, 14.2150, -9.8250



213.5120, -31.2210, -12.3810

Rectangle

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



220.2990, -16.5990, 8.9770



223.2440, 11.5970, 15.6050



218.5050, 14.2150, -9.8250



215.2720, -13.1100, -15.7180

Sweetspot

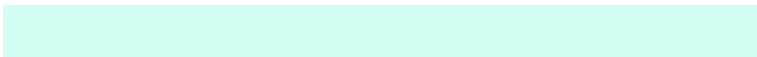
The Sweet Spot groups the original color and five complimentary colors.



220.2990, -16.5990, 8.9770



245.2430, -4.9980, 2.4740



239.7040, -23.0140, -12.4380



121.4990, -2.8430, 1.9650



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.



220.2990, -16.5990, 8.9770



213.6130, -20.3590, 11.0410



218.6040, -6.9720, 16.2280



117.6560, -4.7230, 2.9970



44.6670, -72.0360, 39.0040



14.9270, -24.1190, 13.1050

Inverse Universe

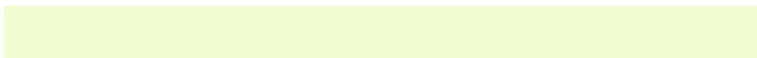
The Inverse Universe completely reimagines the original color for something new.



224.1820, 23.3350, 12.1270



218.4000, 28.6530, 14.8690



245.3960, 6.9720, -16.2280



119.1150, 7.1060, 3.3780



61.5550, 101.3170, 52.6210



20.6180, 33.9710, 17.6110

Previews

White Background



This preview shows how the YIQ color 220.2990, -16.5990, 8.9770 looks on a white background.

Color Contrast Check

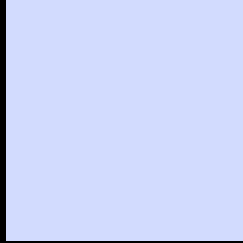
Large Text (above 18pt) WCAG AA × Fail

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 220.2990, -16.5990, 8.9770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

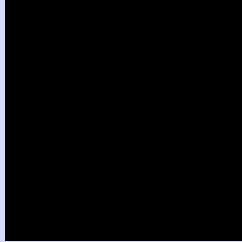
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 220.2990, -16.5990, 8.9770

Background



This preview shows how black text looks on a background with the YIQ color 220.2990, -16.5990, 8.9770.



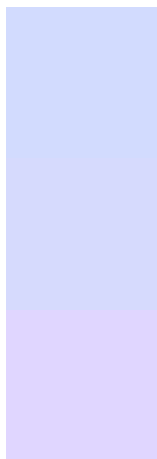
This preview shows how white text looks on a background with the YIQ color 220.2990, -16.5990,

8.9770.

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

220.2990, -16.5990, 8.9770

Protanopia

220.7940, -13.6190, 10.0370

Deuteranopia

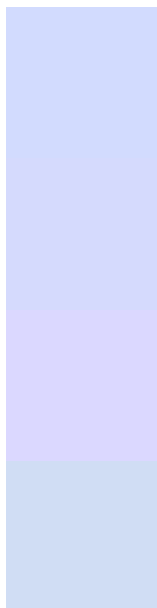
221.6640, -7.2010, 14.8710



Tritanopia

219.4530, -14.3970, 2.1070

Trichromacy



Original Color

220.2990, -16.5990, 8.9770

Protanomaly

220.4950, -14.2150, 9.8250

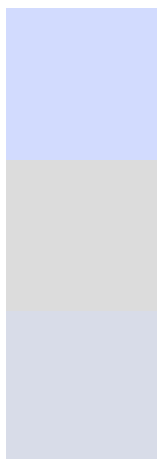
Deuteranomaly

221.3430, -10.7310, 12.7650

Tritanomaly

219.7350, -15.1310, 4.3970

Monochromacy



Original Color

220.2990, -16.5990, 8.9770

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

220.1720, -6.2360, 2.8840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.2990, -16.5990, 8.9770 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(210, 219, 254)` looks like.

```
.text, #text, p{  
    color:rgb(210, 219, 254)  
}
```

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(210, 219, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 219, 254) }
```

Border

The CSS property to change the border of an element to YIQ 220.2990, -16.5990, 8.9770 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(210, 219, 254) }
```


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

```
.border{ border-color:rgb(210, 219, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 219, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 219, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 219, 254);  
box-shadow:4px 4px 4px 4px rgb(210, 219,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 220.2990, -16.5990, 8.9770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 219, 254) }
```

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

```
.background{ background-color: rgb(210,  
219, 254) }
```

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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