

Converting Colors

YIQ(219.4500, -27.5100, 2.9700)

Have a look what the booklet for
YIQ(219.4500, -27.5100, 2.9700)
contains.

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Color

**YIQ(219.4500, -27.5100,
2.9700)**

Conversions

Conversions Part 1

Format	Color
Hex	C3E1FF
RGB	195, 225, 255
RGB Percent	76%, 88%, 100%
CMY	0.2353, 0.1176, 0.0001
CMYK	0.24, 0.12, 0.00, 0.00
HSL	210°, 100%, 88%
HSV	210°, 24%, 100%
XYZ	67.4754, 72.6754, 105.0507
YIQ	219.4500, -27.5100, 2.9700

Conversions

Conversions Part 2

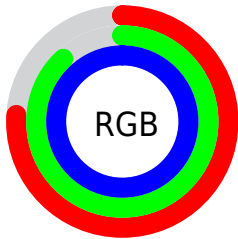
Format	Color
RYB	195, 215, 255
Decimal	12837375
CIELab	88.29, -3.50, -17.81
CIELCh	88, 18.151, 258.886
Yxy	72.6754, 0.2752, 0.2964
Android (android.graphics.Color)	4291027455 (0xFFC3E1FF)
YUV	219.4500, 17.5262, -21.4426
Hunter-Lab	85.2499, -7.9043, -13.3862

Details

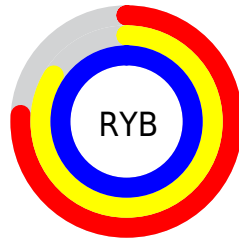
The YIQ color $219.4500, -27.5100, 2.9700$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $230.5500, 27.5100, -2.9700$, and the grayscale version is $219.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $254.1030, -1.7880, -0.6360$, and $164.2220, -26.8680, 2.3480$ is the 20% darker color. If you saturate the color by 10%, you get $204.0450, -39.4310, 4.2570$, and if you desaturate by 10%, it is $234.5560, -16.1850, 1.4710$.

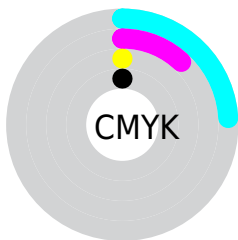
Distribution



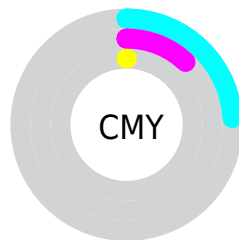
- Red (76%)
- Green (88%)
- Blue (100%)



- Red (76%)
- Yellow (84%)
- Blue (100%)



- Cyan (24%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.4500, -27.5100, 2.9700 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 219.4500, -27.5100, 2.9700 by changing the saturation by 10% instead.

■ 219.4500,
-27.5100, 2.9700

■ 219.4500,
-27.5100, 2.9700

■ 255.0000, -0.0000,
-0.0000

■ 191.3360,
-27.1890, 2.6590

■ 254.1030, -1.7880,
-0.6360

■ 164.2220,
-26.8680, 2.3480

■ 137.5210,
-26.2720, 2.5600

■ 111.9940,
-26.2260, 1.7260

■ 86.9940, -26.2260,
1.7260

■ 63.4670, -26.1800,
0.8920

■ 38.8580, -28.8390,

-0.4790

■ 21.3210, -22.8330,
0.8070

■ 3.6650, -8.9420,
7.8740

■ 219.4500,
-27.5100, 2.9700

■ 219.4500,
-27.5100, 2.9700

■ 204.0450,
-39.4310, 4.2570

■ 234.5560,
-16.1850, 1.4710

■ 189.5260,
-51.0310, 5.2330

■ 249.3740, -3.9890,
0.7070

■ 174.1210,
-62.9520, 6.5200

255.0000, -0.0000,
-0.0000

■ 159.0150,
-74.2770, 8.0190

■ 143.9090,
-85.6020, 9.5180

■ 129.0910,
-97.7980, 10.2820

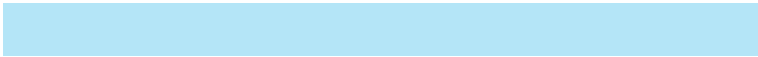
■ 113.9850,
-109.1230, 11.7810

■ 104.2060,
-117.0550, 12.3610

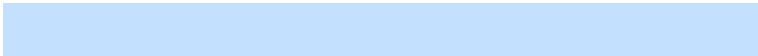
Harmonies

Analogous

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



216.4010, -34.9820, -4.7900



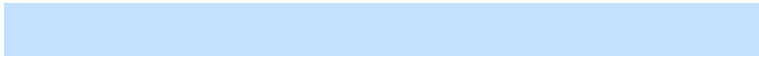
219.4500, -27.5100, 2.9700



222.3920, -12.4270, 10.4610

Triad

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



219.4500, -27.5100, 2.9700



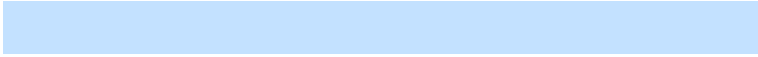
223.5690, 26.4990, 9.8510



217.9910, -4.9490, -14.9410

Complementary

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



219.4500, -27.5100, 2.9700



230.5500, 27.5100, -2.9700

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.



220.0100, 11.2350, -10.8850



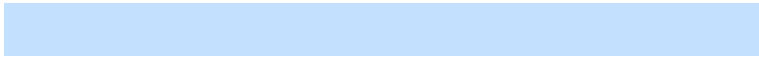
219.4500, -27.5100, 2.9700



223.3210, 29.8930, 3.4050

Square

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



219.4500, -27.5100, 2.9700



225.0230, 19.5290, 15.0250



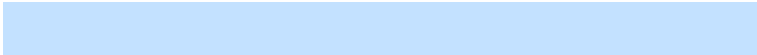
221.7560, 23.9340, -4.2420



215.6070, -21.3630, -14.8270

Rectangle

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



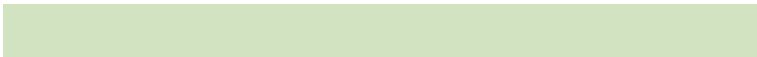
219.4500, -27.5100, 2.9700



223.5460, -1.0570, 13.6550



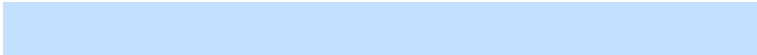
221.7560, 23.9340, -4.2420



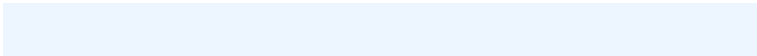
218.1550, 0.4610, -13.8670

Sweetspot

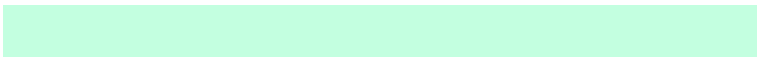
The Sweet Spot groups the original color and five complimentary colors.



219.4500, -27.5100, 2.9700



244.3350, -8.2530, 0.8910



233.5260, -25.8090, -22.3610



121.1890, -4.9060, 0.8060



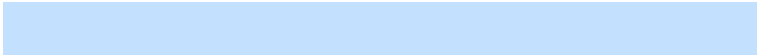
0.0000, 0.0000, 0.0000



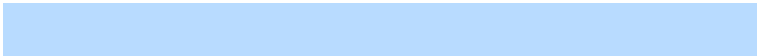
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



219.4500, -27.5100, 2.9700



212.6390, -32.4160, 3.7760



202.4270, -19.5350, 18.1370



120.0040, -5.8230, 0.9050



78.1260, -87.7110, 9.1930



26.0800, -29.3440, 3.1680

Inverse Universe

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



216.3600, 26.1300, 22.0500



209.2190, 31.0810, 25.9370



247.5730, 19.5350, -18.1370



119.5710, 5.8220, 4.6220



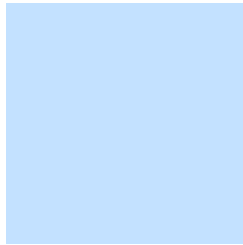
68.0530, 83.0200, 70.3480



22.7840, 27.8720, 23.5200

Previews

White Background



This preview shows how the YIQ color 219.4500, -27.5100, 2.9700 looks on a white background.

Color Contrast Check

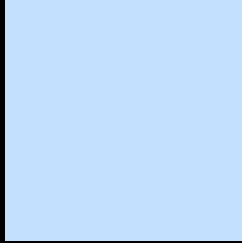
Large Text (above 18pt) WCAG AA × Fail

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 219.4500, -27.5100, 2.9700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

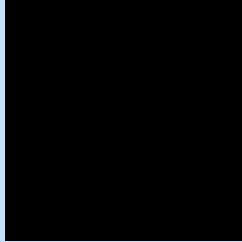
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

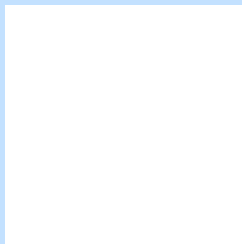
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 219.4500, -27.5100, 2.9700

Background



This preview shows how black text looks on a background with the YIQ color 219.4500, -27.5100, 2.9700.



This preview shows how white text looks on a background with the YIQ color 219.4500, -27.5100,

2.9700.

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

219.4500, -27.5100, 2.9700

Protanopia

221.7510, -12.0600, 9.3160

Deuteranopia

223.1370, -7.1550, 14.0370



Tritanopia

218.8860, -26.0420, -1.6100

Trichromacy



Original Color

219.4500, -27.5100, 2.9700

Protanomaly

220.6470, -17.6990, 6.8850

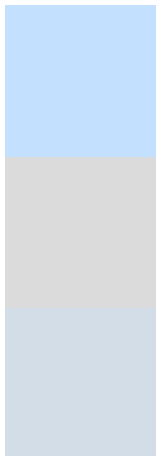
Deuteranomaly

221.6090, -14.5360, 10.1360

Tritanomaly

219.0540, -26.4550, 0.3690

Monochromacy



Original Color

219.4500, -27.5100, 2.9700

Achromatopsia

219.0000, 0.0000, -0.0000

Achromatomaly

218.9650, -10.0870, 1.0890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.4500, -27.5100, 2.9700 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(195, 225, 255)` looks like.

```
.text, #text, p{  
    color:rgb(195, 225, 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(195, 225, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 225, 255) }
```

Border

The CSS property to change the border of an element to YIQ 219.4500, -27.5100, 2.9700 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(195, 225, 255) }
```


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

```
.border{ border-color:rgb(195, 225, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 225, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 225, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 225, 255);  
box-shadow:4px 4px 4px 4px rgb(195, 225,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 219.4500, -27.5100, 2.9700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 225, 255) }
```

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

```
.background{ background-color: rgb(195,  
225, 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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