

Converting Colors

YIQ(222.9830, -27.6930, 0.7790)

Have a look what the booklet for
YIQ(222.9830, -27.6930, 0.7790)
contains.

YIQ(222.9830, -27.6930, 0.7790)	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(222.9830, -27.6930,
0.7790)**

Conversions

Conversions Part 1

Format	Color
Hex	C5E6FF
RGB	197, 230, 255
RGB Percent	77%, 90%, 100%
CMY	0.2275, 0.0980, 0.0001
CMYK	0.23, 0.10, 0.00, 0.00
HSL	206°, 100%, 89%
HSV	206°, 23%, 100%
XYZ	69.3671, 75.6874, 105.5330
YIQ	222.9830, -27.6930, 0.7790

Conversions

Conversions Part 2

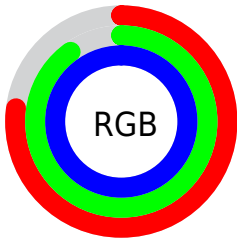
Format	Color
RYB	197, 218, 255
Decimal	12969727
CIELab	89.71, -5.50, -15.66
CIELCh	90, 16.598, 250.666
Yxy	75.6874, 0.2768, 0.3020
Android (android.graphics.Color)	4291159807 (0xFFC5E6FF)
YUV	222.9830, 15.7844, -22.7871
Hunter-Lab	86.9985, -9.9227, -11.0224

Details

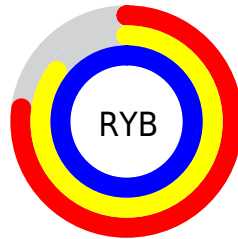
The YIQ color $222.9830, -27.6930, 0.7790$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $229.0170, 27.6930, -0.7790$, and the grayscale version is $223.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $254.7010, -0.5960, -0.2120$, and $167.7550, -27.0510, 0.1570$ is the 20% darker color. If you saturate the color by 10%, you get $208.7520, -40.1640, 1.0200$, and if you desaturate by 10%, it is $236.9150, -15.8180, 0.3260$.

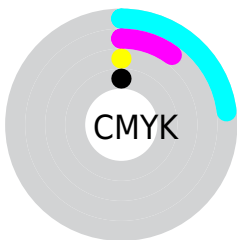
Distribution



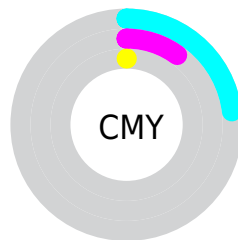
- Red (77%)
- Green (90%)
- Blue (100%)



- Red (77%)
- Yellow (85%)
- Blue (100%)



- Cyan (23%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.9830, -27.6930, 0.7790 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 222.9830, -27.6930, 0.7790 by changing the saturation by 10% instead.

■ 222.9830,
-27.6930, 0.7790

■ 222.9830,
-27.6930, 0.7790

■ 255.0000, -0.0000,
-0.0000

■ 194.8690,
-27.3720, 0.4680

■ 254.7010, -0.5960,
-0.2120

■ 167.7550,
-27.0510, 0.1570

■ 141.0540,
-26.4550, 0.3690

■ 114.9400,
-26.1340, 0.0580

■ 89.9400, -26.1340,
0.0580

■ 66.4130, -26.0880,
-0.7760

■ 42.1030, -28.1510,

-1.9350

■ 23.0820, -23.6580,
-0.7620

■ 3.6650, -8.9420,
7.8740

■ 222.9830,
-27.6930, 0.7790

■ 222.9830,
-27.6930, 0.7790

■ 208.7520,
-40.1640, 1.0200

■ 236.9150,
-15.8180, 0.3260

■ 194.8200,
-52.0390, 1.4730

■ 251.1460, -3.3470,
0.0850

■ 180.5890,
-64.5100, 1.7140

■ 255.0000, -0.0000,
-0.0000

■ 166.6570,
-76.3850, 2.1670

■ 152.7250,
-88.2600, 2.6200

■ 138.4940,
-100.7310, 2.8610

■ 124.5620,
-112.6060, 3.3140

■ 114.1850,
-121.7300, 3.4700

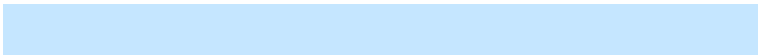
Harmonies

Analogous

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



221.0160, -32.4600, -6.4440



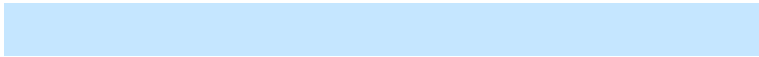
222.9830, -27.6930, 0.7790



225.7290, -14.9940, 7.4220

Triad

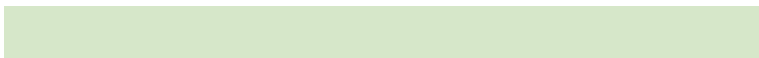
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



222.9830, -27.6930, 0.7790



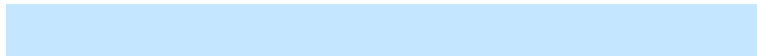
227.5300, 22.2350, 10.0350



222.4970, -0.5020, -12.9340

Complementary

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



222.9830, -27.6930, 0.7790



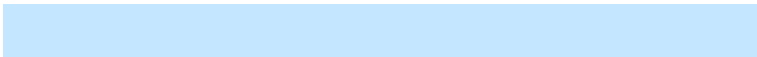
229.0170, 27.6930, -0.7790

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.



224.1460, 13.8480, -8.6800



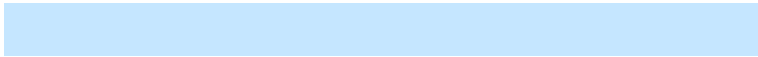
222.9830, -27.6930, 0.7790



227.1080, 26.1790, 4.6350

Square

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



222.9830, -27.6930, 0.7790



228.7450, 14.4400, 13.6400



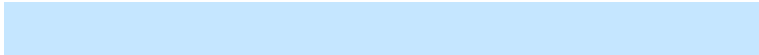
226.2230, 24.1170, -2.0510



220.7710, -15.9530, -13.7530

Rectangle

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



222.9830, -27.6930, 0.7790



227.0400, -5.5040, 11.6480



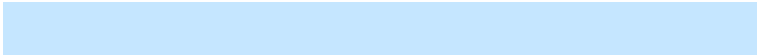
226.2230, 24.1170, -2.0510



223.3620, 4.3120, -12.0720

Sweetspot

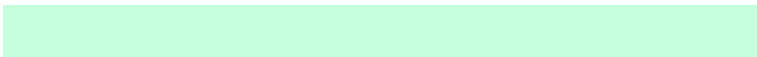
The Sweet Spot groups the original color and five complimentary colors.



222.9830, -27.6930, 0.7790



244.9220, -8.5280, 0.3680



233.7820, -23.6540, -22.8700



121.7760, -5.1810, 0.2830



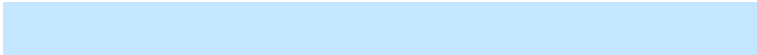
0.0000, 0.0000, 0.0000



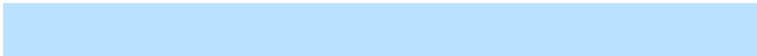
128.0000, -0.0000, -0.0000

Same Dimension

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



222.9830, -27.6930, 0.7790



216.7590, -32.8740, 1.0620



206.5470, -19.9930, 15.4230



120.5910, -6.0980, 0.3820



85.7570, -91.2860, 2.3940



28.4280, -30.4440, 1.0760

Inverse Universe

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



218.1040, 23.9750, 22.5590



211.0770, 28.6050, 26.7570



245.4530, 19.9930, -15.4230



119.6850, 5.5010, 4.9330



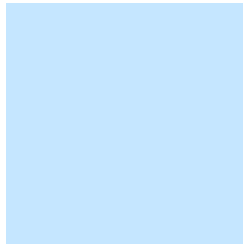
69.5350, 78.8470, 74.3910



23.2400, 26.5880, 24.7640

Previews

White Background



This preview shows how the YIQ color 222.9830, -27.6930, 0.7790 looks on a white background.

Color Contrast Check

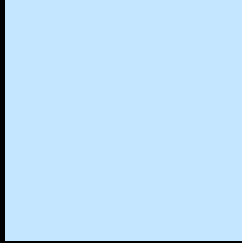
Large Text (above 18pt) WCAG AA × Fail

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 222.9830, -27.6930, 0.7790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

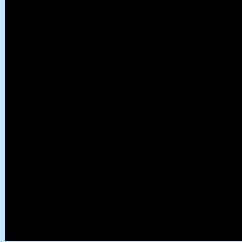
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

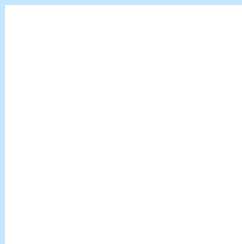
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 222.9830, -27.6930, 0.7790

Background



This preview shows how black text looks on a background with the YIQ color 222.9830, -27.6930, 0.7790.



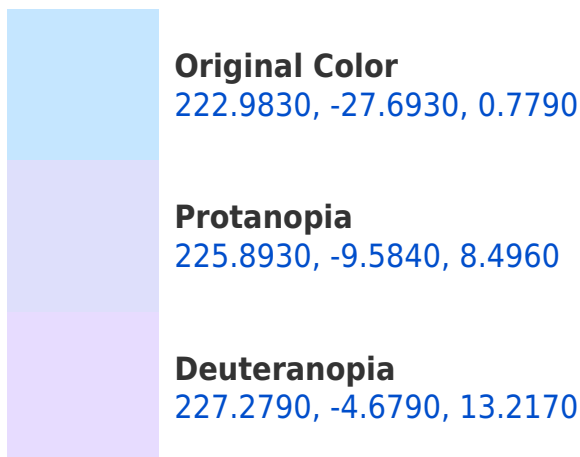
This preview shows how white text looks on a background with the YIQ color 222.9830, -27.6930,

0.7790.

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





Tritanopia

222.5870, -26.6380, -1.8220

Trichromacy



Original Color

222.9830, -27.6930, 0.7790

Protanomaly

225.0770, -16.0940, 5.3300

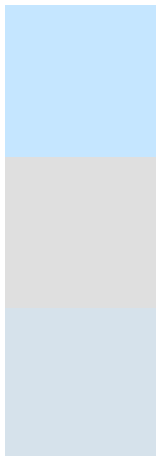
Deuteranomaly

226.0390, -12.9310, 8.5810

Tritanomaly

222.8150, -27.2800, -1.2000

Monochromacy



Original Color

222.9830, -27.6930, 0.7790

Achromatopsia

223.0000, -0.0000, -0.0000

Achromatomaly

223.4380, -10.0410, 0.2550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.9830, -27.6930, 0.7790 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(197, 230, 255)` looks like.

```
.text, #text, p{  
    color:rgb(197, 230, 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(197, 230, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 230, 255) }
```

Border

The CSS property to change the border of an element to YIQ 222.9830, -27.6930, 0.7790 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(197, 230, 255) }
```


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

```
.border{ border-color:rgb(197, 230, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 230, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 230, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 230, 255);  
box-shadow:4px 4px 4px 4px rgb(197, 230,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 222.9830, -27.6930, 0.7790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 230, 255) }
```

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

```
.background{ background-color: rgb(197,  
230, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor