

Converting Colors

YIQ(226.3370, -28.9300,
-4.3380)

Have a look what the booklet for
YIQ(226.3370, -28.9300, -4.3380)
contains.

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Color

**YIQ(226.3370, -28.9300,
-4.3380)**

Conversions

Conversions Part 1

Format	Color
Hex	C4EDFB
RGB	196, 237, 251
RGB Percent	77%, 93%, 98%
CMY	0.2315, 0.0705, 0.0158
CMYK	0.22, 0.06, 0.00, 0.02
HSL	195°, 87%, 88%
HSV	195°, 22%, 98%
XYZ	70.4558, 79.2741, 102.8283
YIQ	226.3370, -28.9300, -4.3380

Conversions

Conversions Part 2

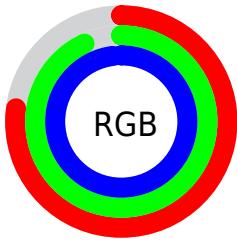
Format	Color
RYB	196, 219, 251
Decimal	12905979
CIELab	91.36, -10.24, -11.12
CIELCh	91, 15.117, 227.365
Yxy	79.2741, 0.2790, 0.3139
Android (android.graphics.Color)	4291096059 (0xFFC4EDFB)
YUV	226.3370, 12.1589, -26.6055
Hunter-Lab	89.0360, -14.5628, -6.1492

Details

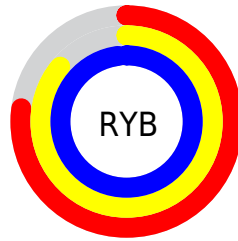
The YIQ color $226.3370, -28.9300, -4.3380$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $220.6630, 28.9300, 4.3380$, and the grayscale version is $226.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4020, -1.1920, -0.4240$, and $170.5220, -28.0130, -4.4370$ is the 20% darker color. If you saturate the color by 10%, you get $215.3400, -42.1800, -6.5000$, and if you desaturate by 10%, it is $237.3340, -15.6800, -2.1760$.

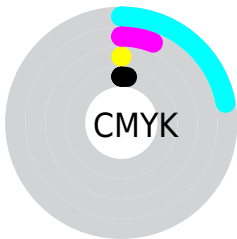
Distribution



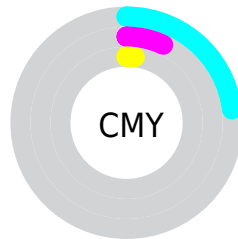
- Red (77%)
- Green (93%)
- Blue (98%)



- Red (77%)
- Yellow (86%)
- Blue (98%)



- Cyan (22%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)



- Cyan (23%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 226.3370, -28.9300, -4.3380 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 226.3370, -28.9300, -4.3380 by changing the saturation by 10% instead.

■ 226.3370,
-28.9300, -4.3380

■ 226.3370,
-28.9300, -4.3380

■ 255.0000, -0.0000,
-0.0000

■ 198.2230,
-28.6090, -4.6490

■ 254.4020, -1.1920,
-0.4240

■ 170.5220,
-28.0130, -4.4370

■ 143.8210,
-27.4170, -4.2250

■ 117.8210,
-27.4170, -4.2250

■ 92.7070, -27.0960,
-4.5360

■ 68.7070, -27.0960,
-4.5360

■ 44.3970, -29.1590,

-5.6950

■ 25.6750, -24.0700,
-4.3100

■ 9.3070, -11.0500,
2.0220

■ 226.3370,
-28.9300, -4.3380

■ 226.3370,
-28.9300, -4.3380

■ 215.3400,
-42.1800, -6.5000

■ 237.3340,
-15.6800, -2.1760

■ 203.7560,
-55.1550, -8.1390

■ 248.9180, -2.7050,
-0.5370

■ 192.7590,
-68.4050, -10.3010

■ 254.5440, 1.2840,
-1.2440

■ 181.7620,
-81.6550, -12.4630

■ 169.8790,
-95.2260, -14.3140

■ 158.8820,
-108.4760, -16.4760

■ 147.2980,
-121.4510, -18.1150

■ 138.3830,
-131.9960, -19.7400

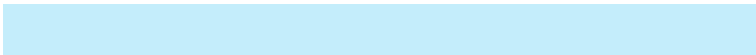
Harmonies

Analogous

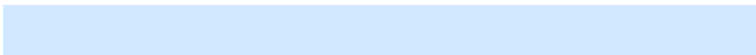
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.4310, -26.4990, -9.8510



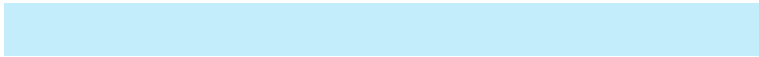
226.3370, -28.9300, -4.3380



228.0330, -21.9620, 1.5420

Triad

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



226.3370, -28.9300, -4.3380



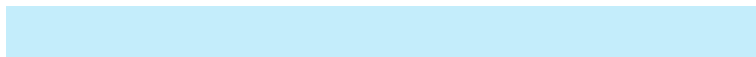
232.9900, 15.1280, 12.1840



228.9930, 9.9050, -8.8070

Complementary

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



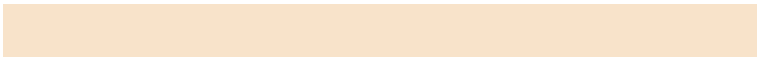
226.3370, -28.9300, -4.3380



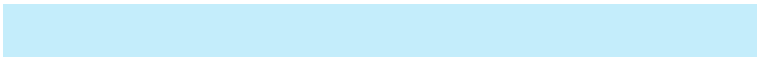
220.6630, 28.9300, 4.3380

Split Complementary

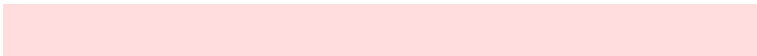
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230.4290, 20.5410, -3.3230



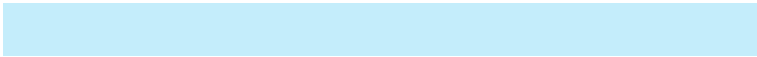
226.3370, -28.9300, -4.3380



231.2800, 19.9430, 7.5190

Square

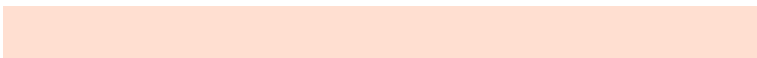
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226.3370, -28.9300, -4.3380



232.6450, 2.9780, 12.1140



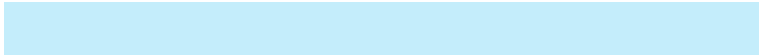
230.9720, 23.5660, 2.4300



227.0560, -3.5740, -12.3260

Rectangle

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



226.3370, -28.9300, -4.3380



229.5610, -14.5810, 5.4430



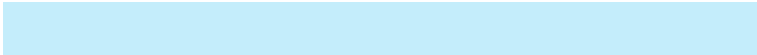
230.9720, 23.5660, 2.4300



229.2000, 13.7560, -7.0120

Sweetspot

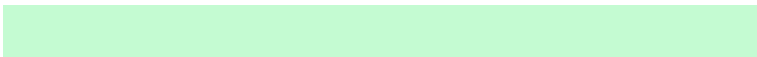
The Sweet Spot groups the original color and five complimentary colors.



226.3370, -28.9300, -4.3380



246.6830, -9.3530, -1.2010



229.8810, -19.6190, -24.4110



122.9500, -5.7310, -0.7630



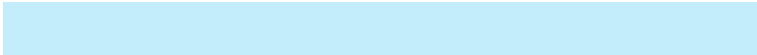
0.0000, 0.0000, 0.0000



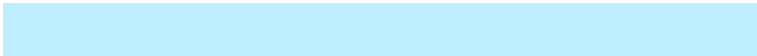
128.0000, -0.0000, -0.0000

Same Dimension

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



226.3370, -28.9300, -4.3380



225.2870, -34.6610, -5.1010



210.4880, -21.5050, 9.7830



119.3520, -6.9230, -1.1870



104.3130, -99.4440, -14.9640



33.9560, -32.2310, -5.0870

Inverse Universe

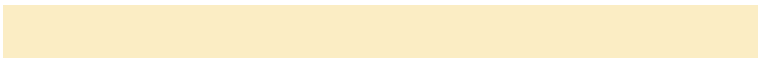
The Inverse Universe completely reimagines the original color for something new.



217.1190, 19.6190, 24.4110



214.3200, 23.6070, 29.2310



236.5120, 21.5050, -9.7830



117.0270, 4.5380, 5.8660



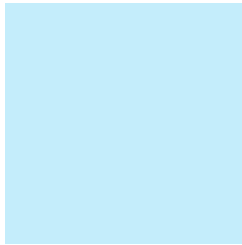
72.5850, 67.3830, 83.9190



23.4830, 21.5900, 27.2380

Previews

White Background



This preview shows how the YIQ color 226.3370, -28.9300, -4.3380 looks on a white background.

Color Contrast Check

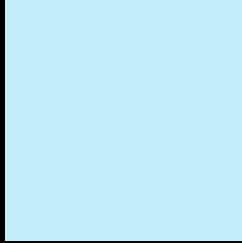
Large Text (above 18pt) WCAG AA × Fail

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 226.3370, -28.9300, -4.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

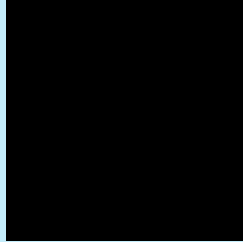
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 226.3370, -28.9300, -4.3380

Background



This preview shows how black text looks on a background with the YIQ color 226.3370, -28.9300, -4.3380.



This preview shows how white text looks on a background with the YIQ color 226.3370, -28.9300, -4.3380.

-4.3380.

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

226.3370, -28.9300, -4.3380

Protanopia

230.3510, -5.1820, 5.8100

Deuteranopia

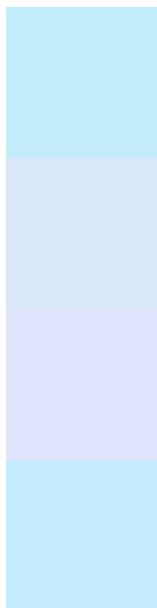
231.9160, 0.7770, 13.4570



Tritanopia

226.5050, -29.3430, -2.3590

Trichromacy



Original Color

226.3370, -28.9300, -4.3380

Protanomaly

228.7520, -13.8010, 2.3190

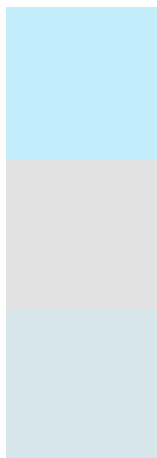
Deuteranomaly

229.9530, -9.8130, 7.1390

Tritanomaly

226.3910, -29.0220, -2.6700

Monochromacy



Original Color

226.3370, -28.9300, -4.3380

Achromatopsia

226.0000, -0.0000, 0.0000

Achromatomaly

226.0850, -10.5450, -1.6250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 226.3370, -28.9300, -4.3380 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(196, 237, 251)` looks like.

```
.text, #text, p{  
    color:rgb(196, 237, 251)  
}
```

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(196, 237, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 237, 251) }
```

Border

The CSS property to change the border of an element to YIQ 226.3370, -28.9300, -4.3380 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(196, 237, 251) }
```


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

```
.border{ border-color:rgb(196, 237, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 237, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 237, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 237, 251);  
box-shadow:4px 4px 4px 4px rgb(196, 237,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 226.3370, -28.9300, -4.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 237, 251) }
```

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

```
.background{ background-color: rgb(196,  
237, 251) }
```

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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