

Converting Colors

YIQ(229.9900, -29.5710,
-9.2430)

Have a look what the booklet for
YIQ(229.9900, -29.5710, -9.2430)
contains.

YIQ(229.9900, -29.5710, -9.2430)	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(229.9900, -29.5710,
-9.2430)**

Conversions

Conversions Part 1

Format	Color
Hex	C4F4F7
RGB	196, 244, 247
RGB Percent	77%, 96%, 97%
CMY	0.2315, 0.0430, 0.0315
CMYK	0.21, 0.01, 0.00, 0.03
HSL	183°, 76%, 87%
HSV	183°, 21%, 97%
XYZ	71.8980, 83.1590, 100.2328
YIQ	229.9900, -29.5710, -9.2430

Conversions

Conversions Part 2

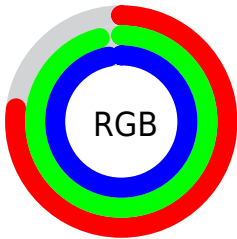
Format	Color
R _Y B	196, 221, 247
Decimal	12907767
CIE Lab	93.08, -14.61, -6.48
CIE LCh	93, 15.984, 203.920
Yxy	83.1590, 0.2816, 0.3257
Android (android.graphics.Color)	4291097847 (0xFFC4F4F7)
YUV	229.9900, 8.3859, -29.8092
Hunter-Lab	91.1915, -18.8506, -1.3343

Details

The YIQ color $229.9900, -29.5710, -9.2430$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $213.0100, 29.5710, 9.2430$, and the grayscale version is $230.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4020, -1.1920, -0.4240$, and $174.2890, -28.9750, -9.0310$ is the 20% darker color. If you saturate the color by 10%, you get $221.9280, -44.1960, -14.0200$, and if you desaturate by 10%, it is $238.0520, -14.9460, -4.4660$.

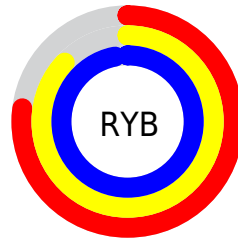
Distribution



Red (77%)

Green (96%)

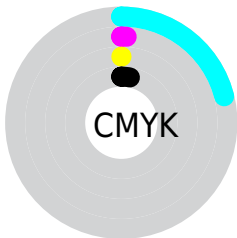
Blue (97%)



Red (77%)

Yellow (87%)

Blue (97%)

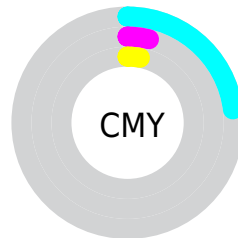


Cyan (21%)

Magenta (1%)

Yellow (0%)

Black (3%)



Cyan (23%)

Magenta (4%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.9900, -29.5710, -9.2430 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 229.9900, -29.5710, -9.2430 by changing the saturation by 10% instead.

■ 229.9900,
-29.5710, -9.2430

■ 229.9900,
-29.5710, -9.2430

■ 255.0000, -0.0000,
-0.0000

■ 201.8760,
-29.2500, -9.5540

■ 254.4020, -1.1920,
-0.4240

■ 174.2890,
-28.9750, -9.0310

■ 147.5880,
-28.3790, -8.8190

■ 120.8870,
-27.7830, -8.6070

■ 95.8870, -27.7830,
-8.6070

■ 71.5880, -28.3790,
-8.8190

■ 46.6910, -30.1670,

-9.4550

■ 27.6810, -24.2070,
-7.3350

■ 13.6610, -12.2870,
-3.0950

■ 229.9900,
-29.5710, -9.2430

■ 229.9900,
-29.5710, -9.2430

■ 221.9280,
-44.1960, -14.0200

■ 238.0520,
-14.9460, -4.4660

■ 213.5780,
-57.9500, -18.0620

■ 246.4020, -1.1920,
-0.4240

■ 205.5160,
-72.5750, -22.8390

■ 249.9790, 4.4930,
1.1730

■ 196.8670,
-86.9250, -27.0930

■ 251.1530, 3.9430,
0.1270

■ 188.8050,
-101.5500, -31.8700

■ 251.7400, 3.6680,
-0.3960

■ 180.4550,
-115.3040, -35.9120

■ 252.9140, 3.1180,
-1.4420

■ 172.3930,
-129.9290, -40.6890

■ 253.5010, 2.8430,
-1.9650

■ 164.9290,
-143.3620, -45.0420

■ 254.0880, 2.5680,
-2.4880

Harmonies

Analogous

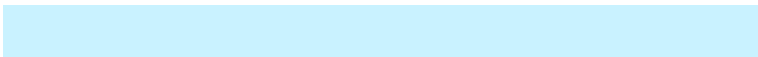
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.9600, -20.8590, -12.9470



229.9900, -29.5710, -9.2430



231.2230, -28.6090, -4.6490

Triad

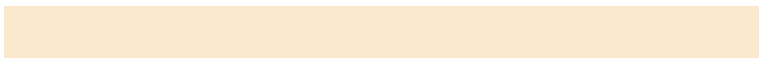
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.9900, -29.5710, -9.2430



238.0260, 6.2790, 12.8630



235.1900, 19.7160, -4.8920

Complementary

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



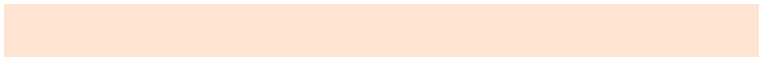
229.9900, -29.5710, -9.2430



213.0100, 29.5710, 9.2430

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.



234.1350, 21.5490, 0.4370



229.9900, -29.5710, -9.2430



235.5660, 13.3860, 10.7140

Square

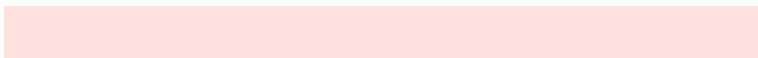
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229.9900, -29.5710, -9.2430



235.2200, -6.1910, 7.5770



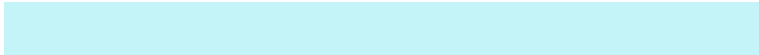
233.7420, 18.5220, 5.7380



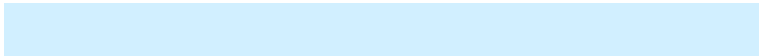
233.2700, 7.5670, -10.4890

Rectangle

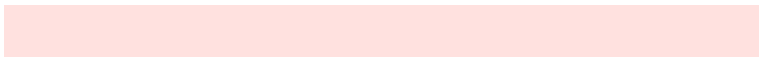
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



229.9900, -29.5710, -9.2430



231.8540, -23.0160, -1.3840



233.7420, 18.5220, 5.7380



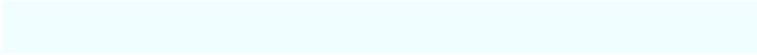
235.3260, 22.3290, -2.6870

Sweetspot

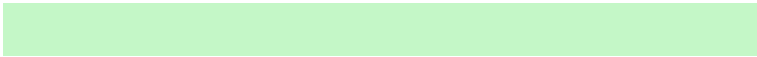
The Sweet Spot groups the original color and five complimentary colors.



229.9900, -29.5710, -9.2430



249.9280, -8.6650, -2.6570



226.2790, -14.9880, -25.7400



124.7220, -5.0890, -1.3850



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.



229.9900, -29.5710, -9.2430



233.5160, -37.0440, -11.4760



215.3150, -22.6960, 3.8320



118.4120, -7.1520, -2.5440



123.9290, -107.8310, -33.6790



39.0110, -34.0640, -10.4160

Inverse Universe

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



216.7210, 14.9880, 25.7400



216.9760, 18.8840, 32.2280



227.6850, 22.6960, -3.8320



114.9560, 3.3000, 6.2760



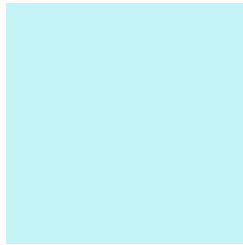
75.5640, 54.6810, 93.8570



23.9110, 17.5090, 29.6130

Previews

White Background



This preview shows how the YIQ color 229.9900, -29.5710, -9.2430 looks on a white background.

Color Contrast Check

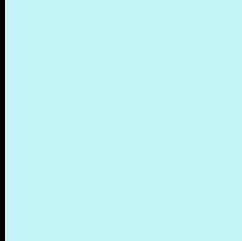
Large Text (above 18pt) WCAG AA × Fail

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 229.9900, -29.5710, -9.2430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

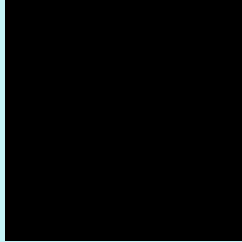
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

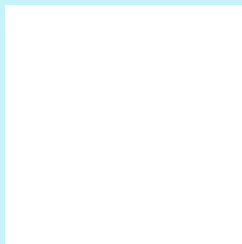
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 229.9900, -29.5710, -9.2430

Background



This preview shows how black text looks on a background with the YIQ color 229.9900, -29.5710, -9.2430.



This preview shows how white text looks on a background with the YIQ color 229.9900, -29.5710, -9.2430.

-9.2430.

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

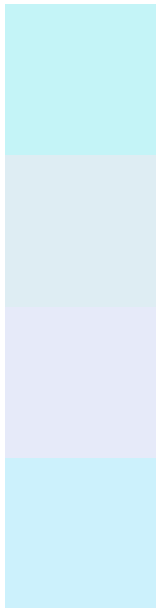




Tritanopia

232.1420, -23.8870, -2.1190

Trichromacy



Original Color

229.9900, -29.5710, -9.2430

Protanomaly

233.1990, -10.8660, -1.3140

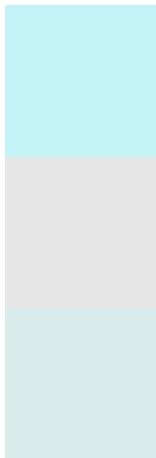
Deuteranomaly

234.5140, -7.1990, 3.8170

Tritanomaly

231.1910, -25.5830, -4.4230

Monochromacy



Original Color

229.9900, -29.5710, -9.2430

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

230.0310, -10.4530, -3.2930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.9900, -29.5710, -9.2430 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, 244, 247)` looks like.

```
.text, #text, p{  
    color:rgb(196, 244, 247)  
}
```

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, 244, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 244, 247) }
```

Border

The CSS property to change the border of an element to YIQ 229.9900, -29.5710, -9.2430 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, 244, 247) }
```


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

```
.border{ border-color:rgb(196, 244, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 244, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 244, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 244, 247);  
box-shadow:4px 4px 4px 4px rgb(196, 244,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 229.9900, -29.5710, -9.2430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 244, 247) }
```

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

```
.background{ background-color: rgb(196,  
244, 247) }
```

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