

Converting Colors

YIQ(239.5230, -29.7540,
-11.4340)

Have a look what the booklet for
YIQ(239.5230, -29.7540, -11.4340)
contains.

YIQ(239.5230, -29.7540, -11.4340)	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(239.5230, -29.7540,
-11.4340)**

Conversions

Conversions Part 1

Format	Color
Hex	CCFFFD
RGB	204, 255, 253
RGB Percent	80%, 100%, 99%
CMY	0.2001, 0.0000, 0.0080
CMYK	0.20, 0.00, 0.01, 0.00
HSL	178°, 100%, 90%
HSV	178°, 20%, 100%
XYZ	78.3782, 91.4429, 106.4230
YIQ	239.5230, -29.7540, -11.4340

Conversions

Conversions Part 2

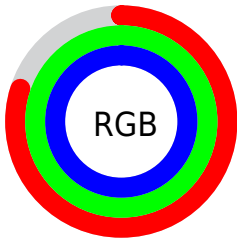
Format	Color
R_{YB}	204, 230, 255
Decimal	13434877
CIE _{Lab}	96.59, -16.44, -4.36
CIE _{LCh}	97, 17.005, 194.849
Yxy	91.4429, 0.2837, 0.3310
Android (android.graphics.Color)	4291624957 (0xFFCCFFFD)
YUV	239.5230, 6.6442, -31.1537
Hunter-Lab	95.6258, -21.0404, 0.9536

Details

The YIQ color $239.5230, -29.7540, -11.4340$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $219.4770, 29.7540, 11.4340$, and the grayscale version is $239.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $183.1210, -28.5620, -11.0100$ is the 20% darker color. If you saturate the color by 10%, you get $231.6350, -44.9290, -17.2570$, and if you desaturate by 10%, it is $247.1120, -15.1750, -5.8230$.

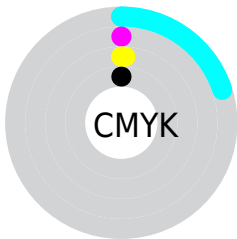
Distribution



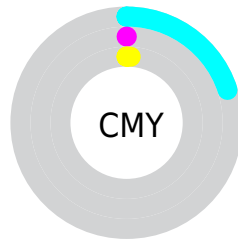
- Red (80%)
- Green (100%)
- Blue (99%)



- Red (80%)
- Yellow (90%)
- Blue (100%)



- Cyan (20%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (20%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 239.5230, -29.7540, -11.4340 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 239.5230, -29.7540, -11.4340 by changing the saturation by 10% instead.

■ 239.5230,
-29.7540, -11.4340

■ 239.5230,
-29.7540, -11.4340

255.0000, -0.0000,
-0.0000

■ 210.8220,
-29.1580, -11.2220

■ 183.1210,
-28.5620, -11.0100

■ 156.1210,
-28.5620, -11.0100

■ 129.5340,
-28.2870, -10.4870

■ 104.4200,
-27.9660, -10.7980

■ 79.5340, -28.2870,
-10.4870

■ 54.9360, -29.4790,

-10.9110

■ 32.9470, -28.0120,
-9.9640

■ 19.4000, -16.0460,
-6.5580

■ 239.5230,
-29.7540, -11.4340

■ 239.5230,
-29.7540, -11.4340

■ 231.6350,
-44.9290, -17.2570

■ 247.1120,
-15.1750, -5.8230

■ 224.0460,
-59.5080, -22.8680

255.0000, -0.0000,
-0.0000

■ 216.1580,
-74.6830, -28.6910

■ 208.5690,
-89.2620, -34.3020

■ 200.6810,
-104.4370, -40.1250

■ 193.0920,
-119.0160, -45.7360

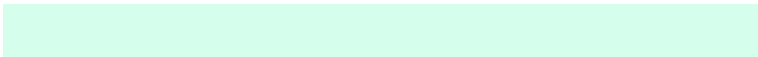
■ 185.2040,
-134.1910, -51.5590

■ 177.6150,
-148.7700, -57.1700

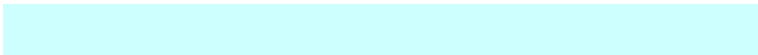
Harmonies

Analogous

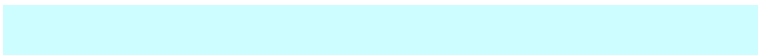
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.9880, -18.0620, -14.0780



239.5230, -29.7540, -11.4340



238.8760, -29.2500, -9.5540

Triad

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



239.5230, -29.7540, -11.4340



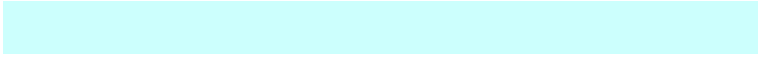
245.0210, 4.6750, 8.8910



242.1080, 17.0110, -5.4290

Complementary

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



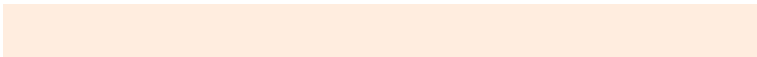
239.5230, -29.7540, -11.4340



219.4770, 29.7540, 11.4340

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.



240.7860, 15.2220, -0.5380



239.5230, -29.7540, -11.4340



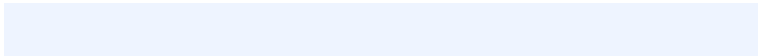
243.1460, 5.8210, 10.1490

Square

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



239.5230, -29.7540, -11.4340



243.4600, -7.1070, 2.1490



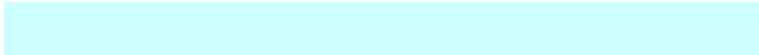
240.6210, 11.5530, 5.3850



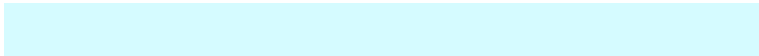
244.0210, 12.7020, -9.9380

Rectangle

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



239.5230, -29.7540, -11.4340



240.0940, -23.9320, -6.8120



240.6210, 11.5530, 5.3850



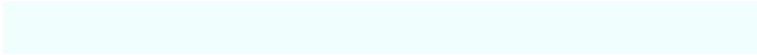
241.1620, 16.9190, -3.7610

Sweetspot

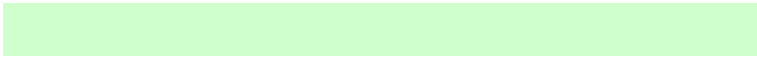
The Sweet Spot groups the original color and five complimentary colors.



239.5230, -29.7540, -11.4340



250.4010, -8.6190, -3.4910



234.8340, -12.2370, -26.0370



125.1950, -5.0430, -2.2190



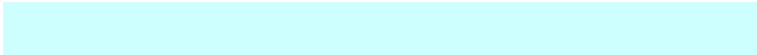
0.0000, 0.0000, 0.0000



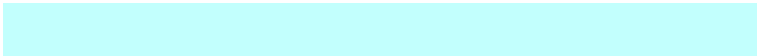
128.0000, -0.0000, -0.0000

Same Dimension

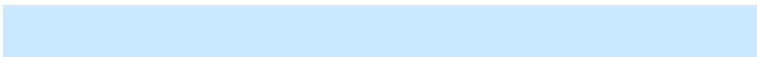
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.5230, -29.7540, -11.4340



236.5330, -35.7140, -13.5540



226.2500, -24.0710, 1.2170



123.9990, -7.4270, -3.0670



133.0930, -111.5890, -42.6690



44.5220, -37.1810, -14.5010

Inverse Universe

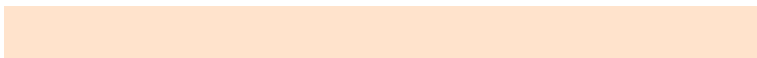
The Inverse Universe completely reimagines the original color for something new.



219.4770, 29.7540, 11.4340



212.4670, 35.7140, 13.5540



232.7500, 24.0710, -1.2170



118.8870, 7.7480, 2.7560



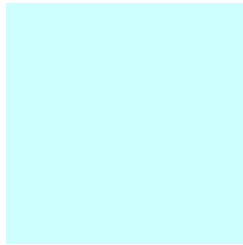
58.0210, 111.2680, 42.9800



19.4780, 37.1810, 14.5010

Previews

White Background



This preview shows how the YIQ color 239.5230, -29.7540, -11.4340 looks on a white background.

Color Contrast Check

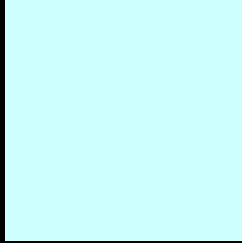
Large Text (above 18pt) WCAG AA × Fail

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 239.5230, -29.7540, -11.4340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

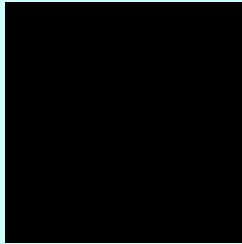
Any Text WCAG AA ✓ Pass

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 239.5230, -29.7540, -11.4340 Background



This preview shows how black text looks on a background with the YIQ color 239.5230, -29.7540, -11.4340.



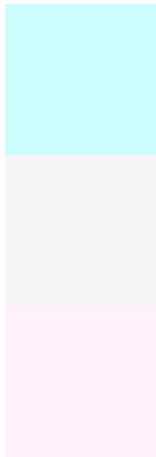
This preview shows how white text looks on a background with the YIQ color 239.5230, -29.7540, -11.4340.

-11.4340.

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

239.5230, -29.7540, -11.4340

Protanopia

244.8370, 2.0170, 1.9930

Deuteranopia

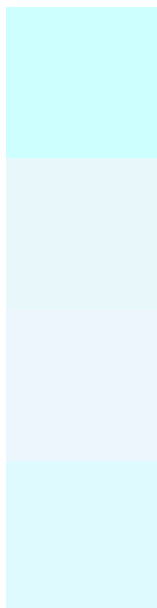
246.3260, 5.1340, 6.0780



Tritanopia

243.4270, -11.5080, -0.6920

Trichromacy



Original Color

239.5230, -29.7540, -11.4340

Protanomaly

242.7430, -9.5820, -2.5580

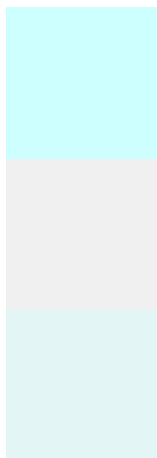
Deuteranomaly

243.6940, -7.8860, -0.2540

Tritanomaly

242.0840, -17.9720, -4.6920

Monochromacy



Original Color

239.5230, -29.7540, -11.4340

Achromatopsia

240.0000, -0.0000, -0.0000

Achromatomaly

239.6180, -10.7280, -3.8160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 239.5230, -29.7540, -11.4340 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(204, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(204, 255, 253)  
}
```

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(204, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 255, 253) }
```

Border

The CSS property to change the border of an element to YIQ 239.5230, -29.7540, -11.4340 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(204, 255, 253) }
```


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

```
.border{ border-color:rgb(204, 255, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 255, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 255, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 255, 253);  
box-shadow:4px 4px 4px 4px rgb(204, 255,  
253) }
```

Background

The CSS property to change the background color of an element to YIQ 239.5230, -29.7540, -11.4340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 255, 253) }
```

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

```
.background{ background-color: rgb(204,  
255, 253) }
```

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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