

Converting Colors

YIQ(235.7200, -19.9430,
-7.5190)

Have a look what the booklet for
YIQ(235.7200, -19.9430, -7.5190)
contains.

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Color

**YIQ(235.7200, -19.9430,
-7.5190)**

Conversions

Conversions Part 1

Format	Color
Hex	D4F6F5
RGB	212, 246, 245
RGB Percent	83%, 96%, 96%
CMY	0.1687, 0.0352, 0.0393
CMYK	0.14, 0.00, 0.00, 0.04
HSL	178°, 65%, 90%
HSV	178°, 14%, 96%
XYZ	76.5839, 86.5055, 99.0310
YIQ	235.7200, -19.9430, -7.5190

Conversions

Conversions Part 2

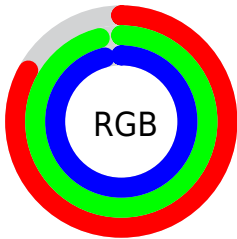
Format	Color
R _{YB}	212, 229, 246
Decimal	13956853
CIE _{Lab}	94.53, -11.15, -3.21
CIE _{LCh}	95, 11.600, 196.068
Y _{xy}	86.5055, 0.2922, 0.3300
Android (android.graphics.Color)	4292146933 (0xFFD4F6F5)
Y _{UV}	235.7200, 4.5750, -20.8024
Hunter-Lab	93.0084, -15.7862, 1.9766

Details

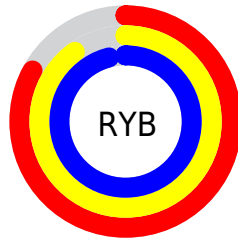
The YIQ color $235.7200, -19.9430, -7.5190$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $222.2800, 19.9430, 7.5190$, and the grayscale version is $236.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $180.0190, -19.3470, -7.3070$ is the 20% darker color. If you saturate the color by 10%, you get $228.1310, -34.5220, -13.1300$, and if you desaturate by 10%, it is $243.3090, -5.3640, -1.9080$.

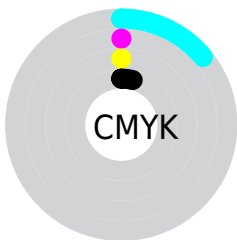
Distribution



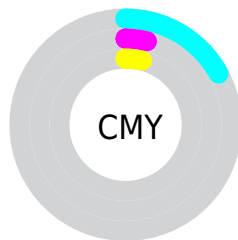
- Red (83%)
- Green (96%)
- Blue (96%)



- Red (83%)
- Yellow (90%)
- Blue (96%)



- Cyan (14%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (17%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 235.7200, -19.9430, -7.5190 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 235.7200, -19.9430, -7.5190 by changing the saturation by 10% instead.

■ 235.7200,
-19.9430, -7.5190

■ 235.7200,
-19.9430, -7.5190

255.0000, -0.0000,
-0.0000

■ 207.7200,
-19.9430, -7.5190

■ 180.0190,
-19.3470, -7.3070

■ 153.3180,
-18.7510, -7.0950

■ 126.7310,
-18.4760, -6.5720

■ 101.6170,
-18.1550, -6.8830

■ 77.3290, -17.2840,
-6.1480

■ 54.3290, -17.2840,

-6.1480

■ 32.0300, -17.8800,
-6.3600

■ 14.6070, -12.1950,
-4.7630

■ 235.7200,
-19.9430, -7.5190

■ 235.7200,
-19.9430, -7.5190

■ 228.1310,
-34.5220, -13.1300

■ 243.3090, -5.3640,
-1.9080

■ 220.8410,
-48.5050, -18.5290

■ 248.6910, 5.3640,
1.9080

■ 213.3660,
-63.4050, -23.8290

■ 248.8050, 5.0430,
2.2190

■ 206.0760,
-77.3880, -29.2280

■ 248.9190, 4.7220,
2.5300

■ 198.4870,
-91.9670, -34.8390

■ 249.0330, 4.4010,
2.8410

■ 190.8980,
-106.5460, -40.4500

■ 249.1470, 4.0800,
3.1520

■ 183.7220,
-120.8500, -45.5380

■ 249.2610, 3.7590,
3.4630

■ 176.1330,
-135.4290, -51.1490

■ 249.3750, 3.4380,
3.7740

■ 171.6480,
-144.3690, -54.3290

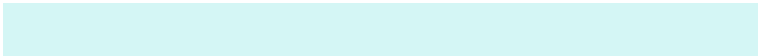
Harmonies

Analogous

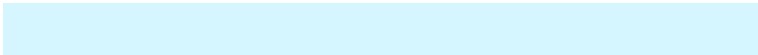
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.1460, -12.5150, -9.9790



235.7200, -19.9430, -7.5190



236.5720, -22.2820, -3.6740

Triad

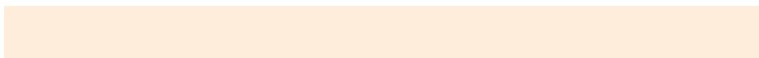
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.7200, -19.9430, -7.5190



241.4660, 1.9240, 9.1880



239.9170, 16.2310, -2.3050

Complementary

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



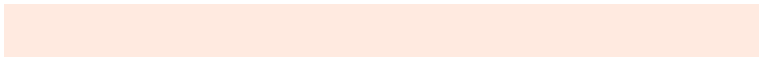
235.7200, -19.9430, -7.5190



222.2800, 19.9430, 7.5190

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.



239.1390, 15.7260, 1.3420



235.7200, -19.9430, -7.5190



240.3590, 9.5350, 8.9190

Square

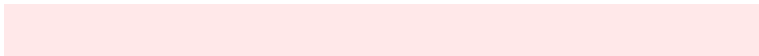
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.7200, -19.9430, -7.5190



239.0410, -7.2450, 4.6510



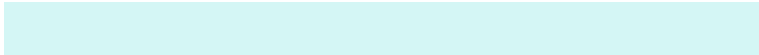
238.9910, 13.3870, 5.1870



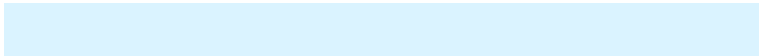
238.0900, 8.2540, -6.4180

Rectangle

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



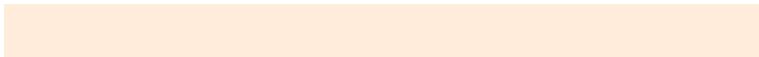
235.7200, -19.9430, -7.5190



236.8930, -18.7520, -1.5680



238.9910, 13.3870, 5.1870



239.7430, 16.7810, -1.2590

Sweetspot

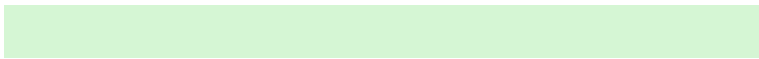
The Sweet Spot groups the original color and five complimentary colors.



235.7200, -19.9430, -7.5190



252.0100, -5.9600, -2.1200



232.2570, -8.7540, -17.5700



125.7930, -3.8510, -1.7950



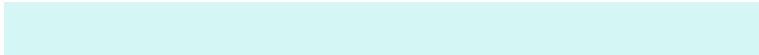
0.0000, 0.0000, 0.0000



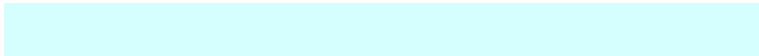
128.0000, -0.0000, -0.0000

Same Dimension

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



235.7200, -19.9430, -7.5190



242.0290, -25.3070, -9.4270



226.4420, -15.8640, 1.1600



118.4120, -7.1520, -2.5440



129.7020, -108.9300, -41.2980



41.1310, -34.5220, -13.1300

Inverse Universe

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



222.2800, 19.9430, 7.5190



224.9710, 25.3070, 9.4270



231.5580, 15.8640, -1.1600



113.7020, 6.8310, 2.8550



56.2980, 108.9300, 41.2980



17.8690, 34.5220, 13.1300

Previews

White Background



This preview shows how the YIQ color 235.7200, -19.9430, -7.5190 looks on a white background.

Color Contrast Check

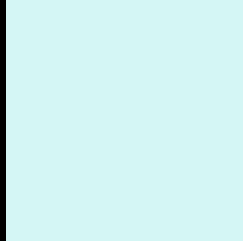
Large Text (above 18pt) WCAG AA × Fail

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 235.7200, -19.9430, -7.5190 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 235.7200, -19.9430, -7.5190

Background



This preview shows how black text looks on a background with the YIQ color 235.7200, -19.9430, -7.5190.



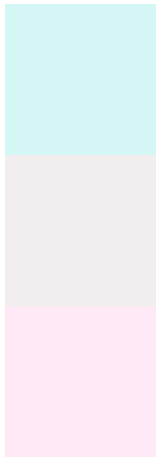
This preview shows how white text looks on a background with the YIQ color 235.7200, -19.9430, -7.5190.

-7.5190.

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

235.7200, -19.9430, -7.5190

Protanopia

239.4240, 1.7420, 1.4700

Deuteranopia

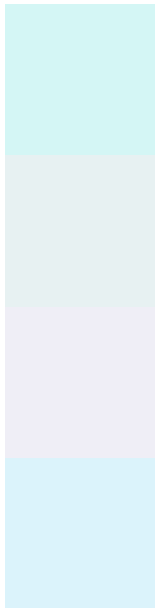
241.1740, 8.6180, 9.0180



Tritanopia

237.8010, -15.4970, 0.0150

Trichromacy



Original Color

235.7200, -19.9430, -7.5190

Protanomaly

238.1240, -6.2810, -1.8090

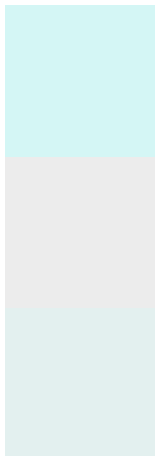
Deuteranomaly

239.2110, -1.9720, 2.7000

Tritanomaly

236.7360, -16.8720, -2.6000

Monochromacy



Original Color

235.7200, -19.9430, -7.5190

Achromatopsia

236.0000, 0.0000, -0.0000

Achromatomaly

235.9990, -7.4270, -3.0670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.7200, -19.9430, -7.5190 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(212, 246, 245)` looks like.

```
.text, #text, p{  
    color:rgb(212, 246, 245)  
}
```

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(212, 246, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 246, 245) }
```

Border

The CSS property to change the border of an element to YIQ 235.7200, -19.9430, -7.5190 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(212, 246, 245) }
```


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

```
.border{ border-color:rgb(212, 246, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 246, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 246, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 246, 245);  
box-shadow:4px 4px 4px 4px rgb(212, 246,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 235.7200, -19.9430, -7.5190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 246, 245) }
```

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

```
.background{ background-color: rgb(212,  
246, 245) }
```

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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