

Converting Colors

YIQ(215.0070, -19.0730,
-1.2570)

Have a look what the booklet for
YIQ(215.0070, -19.0730, -1.2570)
contains.

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Color

**YIQ(215.0070, -19.0730,
-1.2570)**

Conversions

Conversions Part 1

Format	Color
Hex	C4DDEA
RGB	196, 221, 234
RGB Percent	77%, 87%, 92%
CMY	0.2314, 0.1333, 0.0824
CMYK	0.16, 0.06, 0.00, 0.08
HSL	200°, 47%, 84%
HSV	200°, 16%, 92%
XYZ	63.4689, 69.3917, 87.8742
YIQ	215.0070, -19.0730, -1.2570

Conversions

Conversions Part 2

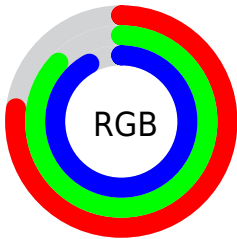
Format	Color
R_{YB}	196, 211, 234
Decimal	12901866
CIE _{Lab}	86.70, -5.63, -9.14
CIE _{LCh}	87, 10.738, 238.363
Yxy	69.3917, 0.2875, 0.3144
Android (android.graphics.Color)	4291091946 (0xFFC4DDEA)
YUV	215.0070, 9.3635, -16.6691
Hunter-Lab	83.3017, -9.7759, -4.2333

Details

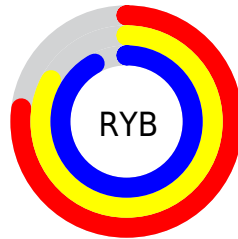
The YIQ color $215.0070, -19.0730, -1.2570$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $214.9930, 19.0730, 1.2570$, and the grayscale version is $215.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $254.4020, -1.1920, -0.4240$, and $160.1920, -18.1560, -1.3560$ is the 20% darker color. If you saturate the color by 10%, you get $203.4340, -30.5810, -1.9490$, and if you desaturate by 10%, it is $226.5800, -7.5650, -0.5650$.

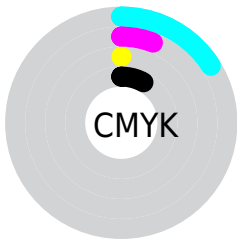
Distribution



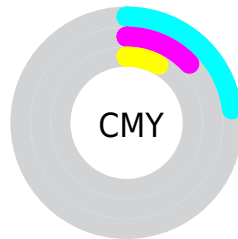
- Red (77%)
- Green (87%)
- Blue (92%)



- Red (77%)
- Yellow (83%)
- Blue (92%)



- Cyan (16%)
- Magenta (6%)
- Yellow (0%)
- Black (8%)



- Cyan (23%)
- Magenta (13%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.0070, -19.0730, -1.2570 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 215.0070, -19.0730, -1.2570 by changing the saturation by 10% instead.

■ 215.0070,
-19.0730, -1.2570

■ 215.0070,
-19.0730, -1.2570

■ 255.0000, -0.0000,
-0.0000

■ 187.3060,
-18.4770, -1.0450

■ 254.4020, -1.1920,
-0.4240

■ 160.1920,
-18.1560, -1.3560

■ 134.1920,
-18.1560, -1.3560

■ 108.4910,
-17.5600, -1.1440

■ 84.3770, -17.2390,
-1.4550

■ 60.6760, -16.6430,
-1.2430

■ 38.2630, -16.9180,

-1.7660

■ 17.8500, -17.1930,
-2.2890

■ 0.9120, -2.5680,
2.4880

■ 215.0070,
-19.0730, -1.2570

■ 215.0070,
-19.0730, -1.2570

■ 203.4340,
-30.5810, -1.9490

■ 226.5800, -7.5650,
-0.5650

■ 191.5620,
-42.6850, -2.8530

■ 238.4520, 4.5390,
0.3390

■ 179.9890,
-54.1930, -3.5450

■ 246.7360, 9.4910,
-1.3010

■ 168.1170,
-66.2970, -4.4490

■ 251.4320, 7.2910,
-5.4850

■ 156.5440,
-77.8050, -5.1410

■ 252.6060, 6.7410,
-6.5310

■ 144.9710,
-89.3130, -5.8330

■ 133.0990,
-101.4170, -6.7370

■ 121.5260,
-112.9250, -7.4290

■ 117.0740,
-117.4640, -7.7680

Harmonies

Analogous

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



214.0730, -19.4390, -5.6390



215.0070, -19.0730, -1.2570



216.5780, -13.2510, 3.3650

Triad

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



215.0070, -19.0730, -1.2570



219.2840, 14.1200, 8.4240



215.5240, 4.0360, -7.0680

Complementary

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



215.0070, -19.0730, -1.2570



214.9930, 19.0730, 1.2570

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.



216.8240, 12.0590, -3.7890



215.0070, -19.0730, -1.2570



219.0300, 17.6510, 5.0030

Square

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



215.0070, -19.0730, -1.2570



219.2060, 5.5920, 8.7920



218.0960, 17.2850, 0.6210



214.4950, -6.1880, -9.0040

Rectangle

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



215.0070, -19.0730, -1.2570



217.6820, -7.6120, 5.7960



218.0960, 17.2850, 0.6210



216.0190, 7.0160, -6.0080

Sweetspot

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



215.0070, -19.0730, -1.2570



248.7650, -6.6480, -0.6640



219.7880, -14.6230, -15.8310



123.8470, -3.9430, -0.1270



0.0000, 0.0000, 0.0000



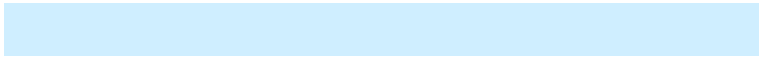
128.0000, -0.0000, -0.0000

Same Dimension

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



215.0070, -19.0730, -1.2570



230.6690, -23.9330, -1.2850



203.8540, -13.8480, 8.6800



111.3630, -5.4560, -0.2400



90.4870, -90.8260, -5.9460



26.7010, -26.9590, -1.5110

Inverse Universe

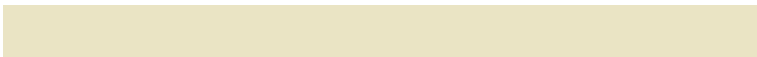
The Inverse Universe completely reimagines the original color for something new.



210.2120, 14.6230, 15.8310



224.8860, 18.6570, 19.8170



226.1460, 13.8480, -8.6800



110.0870, 4.3090, 4.5090



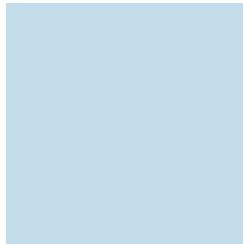
67.6850, 69.6770, 75.3810



20.1360, 20.9490, 22.3330

Previews

White Background



This preview shows how the YIQ color 215.0070, -19.0730, -1.2570 looks on a white background.

Color Contrast Check

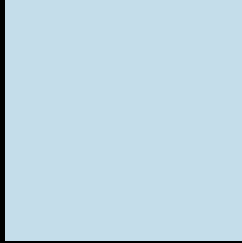
Large Text (above 18pt) WCAG AA × Fail

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 215.0070, -19.0730, -1.2570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

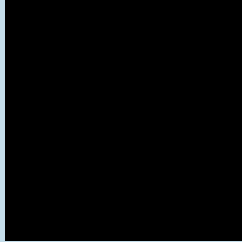
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 215.0070, -19.0730, -1.2570

Background



This preview shows how black text looks on a background with the YIQ color 215.0070, -19.0730, -1.2570.



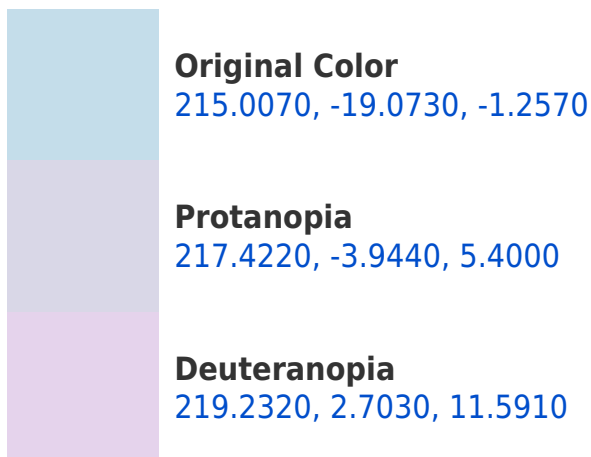
This preview shows how white text looks on a background with the YIQ color 215.0070, -19.0730, -1.2570.

-1.2570.

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

215.1750, -19.4860, 0.7220

Trichromacy



Original Color

215.0070, -19.0730, -1.2570

Protanomaly

216.3180, -9.5830, 2.9690

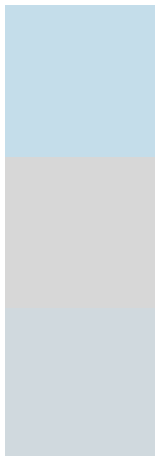
Deuteranomaly

217.8780, -5.2280, 6.6440

Tritanomaly

215.0610, -19.1650, 0.4110

Monochromacy



Original Color

215.0070, -19.0730, -1.2570

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

214.8790, -6.9690, -0.3530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.0070, -19.0730, -1.2570 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, 221, 234)` looks like.

```
.text, #text, p{  
    color:rgb(196, 221, 234)  
}
```

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, 221, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 221, 234) }
```

Border

The CSS property to change the border of an element to YIQ 215.0070, -19.0730, -1.2570 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, 221, 234) }
```


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

```
.border{ border-color:rgb(196, 221, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 221, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 221, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 221, 234);  
box-shadow:4px 4px 4px 4px rgb(196, 221,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 215.0070, -19.0730, -1.2570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 221, 234) }
```

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

```
.background{ background-color: rgb(196,  
221, 234) }
```

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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