

Converting Colors

YUV(190.0110, 19.7146,
-70.1696)

Have a look what the booklet for
YUV(190.0110, 19.7146, -70.1696)
contains.

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Color

**YUV(190.0110, 19.7146,
-70.1696)**

Conversions

Conversions Part 1

Format	Color
Hex	6EDFE6
RGB	110, 223, 230
RGB Percent	43%, 87%, 90%
CMY	0.5686, 0.1255, 0.0980
CMYK	0.52, 0.03, 0.00, 0.10
HSL	184°, 71%, 67%
HSV	184°, 52%, 90%
XYZ	47.1010, 61.8035, 84.3097
YIQ	190.0110, -69.5950, -21.7790

Conversions

Conversions Part 2

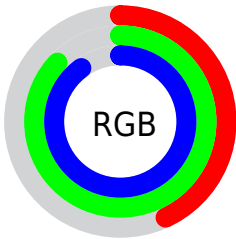
Format	Color
RYB	110, 168, 230
Decimal	7266278
CIELab	82.81, -30.23, -13.29
CIELCh	83, 33.024, 203.740
Yxy	61.8035, 0.2438, 0.3199
Android (android.graphics.Color)	4285456358 (0xFF6EDFE6)
YUV	190.0110, 19.7146, -70.1696
Hunter-Lab	78.6152, -30.6313, -8.5540

Details

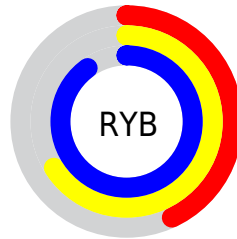
The YUV color **190.0110, 19.7146, -70.1696** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **149.9890, -19.7146, 70.1696**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.5850, 12.5296, -52.2560**, and **130.5370, 21.9203, -77.6469** is the 20% darker color. If you saturate the color by 10%, you get **182.5470, 23.3943, -83.7947**, and if you desaturate by 10%, it is **197.4750, 16.0348, -56.5446**.

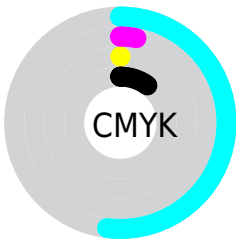
Distribution



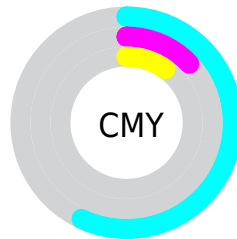
- Red (43%)
- Green (87%)
- Blue (90%)



- Red (43%)
- Yellow (66%)
- Blue (90%)



- Cyan (52%)
- Magenta (3%)
- Yellow (0%)
- Black (10%)



- Cyan (57%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.0110, 19.7146, -70.1696 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 YUV color 190.0110, 19.7146, -70.1696 by changing the saturation by 10% instead.

■ 190.0110, 19.7146,
-70.1696

■ 190.0110, 19.7146,
-70.1696

■ 255.0000, 0.0000,
0.0000

■ 161.1140, 20.1568,
-72.0140

■ 229.5850, 12.5296,
-52.2560

■ 130.5370, 21.9203,
-77.6469

■ 238.5550, 8.1074,
-33.8127

■ 99.6390, 23.8420,
-87.3834

■ 247.5250, 3.6852,
-15.3694

■ 81.4130, 20.0094,
-71.3992

■ 63.8880, 16.3242,
-56.0298

■ 47.1780, 13.2232,
-41.3751

■ 31.0550, 9.8329,

-27.2352

■ 14.5730, 7.6055,
-12.7805

■ 0.2280, 0.8736,
-0.2000

■ 190.0110, 19.7146,
-70.1696

■ 190.0110, 19.7146,
-70.1696

■ 182.5470, 23.3943,
-83.7947

■ 197.4750, 16.0348,
-56.5446

■ 174.4960, 27.3635,
-96.9050

■ 205.5260, 12.0657,
-43.4343

■ 167.0320, 31.0432,
-110.5301

■ 212.9900, 8.3859,
-29.8092

■ 159.5680, 34.7230,
-124.1551

■ 220.4540, 4.7062,
-16.1842

■ 153.5990, 37.6657,
-134.7063

■ 228.5050, 0.7370,
-3.0739

■ 235.9690, -2.9427,
10.5512

■ 238.6490, -4.2640,
14.3398

■ 239.8230, -4.8427,
13.3102

■ 240.4100, -5.1321,
12.7954

Harmonies

Analogous

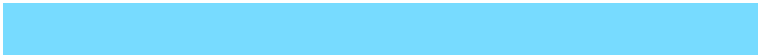
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



192.9410, 2.4941, -53.4453



190.0110, 19.7146, -70.1696



193.2040, 30.4654, -65.0769

Triad

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



190.0110, 19.7146, -70.1696



210.9920, 15.7799, 25.4400



205.0700, -29.6145, 25.3716

Complementary

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



190.0110, 19.7146, -70.1696



149.9890, -19.7146, 70.1696

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.



206.8470, -24.5746, 42.2302



190.0110, 19.7146, -70.1696



208.6490, 2.6380, 40.6498

Square

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



190.0110, 19.7146, -70.1696



206.8680, 23.7291, -4.2692



205.1150, -10.9027, 43.7491



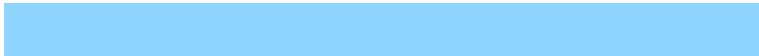
202.1270, -26.1916, 0.7656

Rectangle

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



190.0110, 19.7146, -70.1696



197.1460, 28.5220, -48.3630



205.1150, -10.9027, 43.7491



205.6410, -28.9100, 32.7638

Sweetspot

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



190.0110, 19.7146, -70.1696



241.5670, 6.6225, -24.1763



181.1240, -32.1061, -62.3757



119.3510, 4.2640, -14.3398



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.



190.0110, 19.7146, -70.1696



201.5780, 26.3370, -94.3459



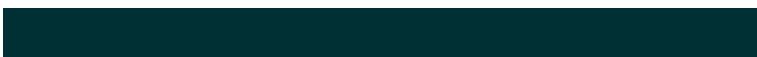
155.3780, 36.7886, -39.7965



110.8250, 2.0583, -6.8625



119.0220, 29.5692, -104.3823



33.9900, 8.3859, -29.8092

Inverse Universe

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



159.7620, 31.6693, 62.4757



159.4670, 42.6608, 83.7824



184.6220, -36.7886, 39.7965



107.8420, 3.0359, 6.2776



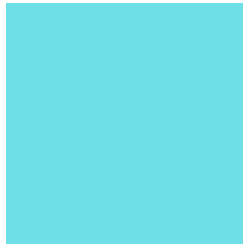
72.6730, 46.9962, 93.2488



20.7210, 13.4485, 26.5547

Previews

White Background



This preview shows how the YUV color 190.0110, 19.7146, -70.1696 looks on a white background.

Color Contrast Check

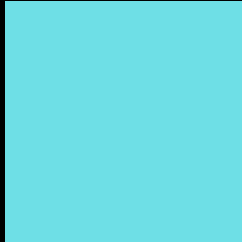
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 190.0110, 19.7146, -70.1696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

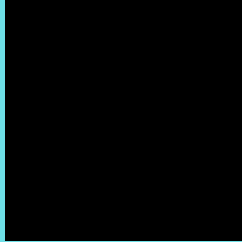
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 190.0110, 19.7146, -70.1696

Background



This preview shows how black text looks on a background with the YUV color 190.0110, 19.7146, -70.1696.



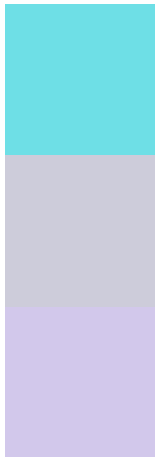
This preview shows how white text looks on a background with the YUV color 190.0110, 19.7146, -70.1696.

-70.1696.

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

190.0110, 19.7146, -70.1696

Protanopia

205.8950, 5.9678, -0.7849

Deuteranopia

206.9800, 13.8139, 2.6485



Tritanopia

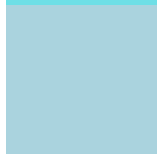
191.3470, 23.4929, -68.7103

Trichromacy



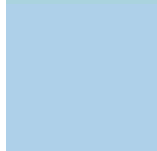
Original Color

190.0110, 19.7146, -70.1696



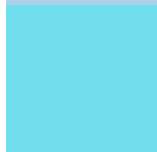
Protanomaly

199.9950, 10.8485, -26.3056



Deuteranomaly

200.6840, 15.9318, -23.4019



Tritanomaly

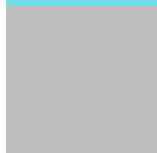
190.7060, 22.3299, -69.0252

Monochromacy



Original Color

190.0110, 19.7146, -70.1696



Achromatopsia

190.0000, 0.0000, 0.0000



Achromatomaly

190.0830, 7.3541, -25.5058

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.0110, 19.7146, -70.1696 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(110, 223, 230)` looks like.

```
.text, #text, p{  
    color:rgb(110, 223, 230)  
}
```

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(110, 223, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 223, 230) }
```

Border

The CSS property to change the border of an element to YUV 190.0110, 19.7146, -70.1696 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(110, 223, 230) }
```


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

```
.border{ border-color:rgb(110, 223, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 223, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 223, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 223, 230);  
box-shadow:4px 4px 4px 4px rgb(110, 223,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 190.0110, 19.7146, -70.1696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 223, 230) }
```

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

```
.background{ background-color: rgb(110,  
223, 230) }
```

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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