

Converting Colors

YUV(191.8850, 4.0007,
-70.0591)

Have a look what the booklet for
YUV(191.8850, 4.0007, -70.0591)
contains.

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Color

**YUV(191.8850, 4.0007,
-70.0591)**

Conversions

Conversions Part 1

Format	Color
Hex	70E7C8
RGB	112, 231, 200
RGB Percent	44%, 91%, 78%
CMY	0.5608, 0.0941, 0.2157
CMYK	0.52, 0.00, 0.13, 0.09
HSL	164°, 71%, 67%
HSV	164°, 52%, 91%
XYZ	45.6833, 64.7667, 64.7370
YIQ	191.8850, -60.9730, -34.8690

Conversions

Conversions Part 2

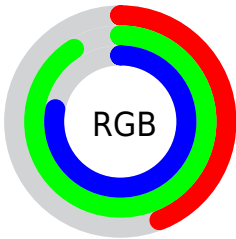
Format	Color
RYB	112, 180, 231
Decimal	7399368
CIELab	84.36, -40.94, 4.87
CIELCh	84, 41.228, 173.223
Yxy	64.7667, 0.2608, 0.3697
Android (android.graphics.Color)	4285589448 (0xFF70E7C8)
YUV	191.8850, 4.0007, -70.0591
Hunter-Lab	80.4778, -39.5103, 8.6410

Details

The YUV color **191.8850, 4.0007, -70.0591** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **151.1150, -4.0007, 70.0591**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.8840, 12.3822, -51.6413**, and **133.4220, 6.2010, -75.7921** is the 20% darker color. If you saturate the color by 10%, you get **184.3240, 4.7703, -83.5991**, and if you desaturate by 10%, it is **199.4460, 3.2311, -56.5191**.

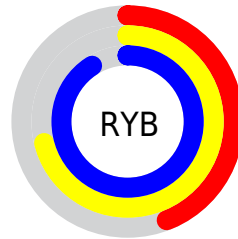
Distribution



Red (44%)

Green (91%)

Blue (78%)



Red (44%)

Yellow (71%)

Blue (91%)

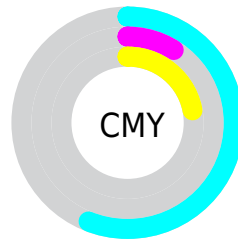


Cyan (52%)

Magenta (0%)

Yellow (13%)

Black (9%)



Cyan (56%)

Magenta (9%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.8850, 4.0007, -70.0591 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 191.8850, 4.0007, -70.0591 by changing the saturation by 10% instead.


 191.8850, 4.0007,
-70.0591

 191.8850, 4.0007,
-70.0591

255.0000, 0.0000,
0.0000

 163.4010, 4.7323,
-71.3887


 229.8840, 12.3822,
-51.6413


 133.4220, 6.2010,
-75.7921


 238.5550, 8.1074,
-33.8127

 100.5560, 9.5859,
-88.1876

 247.5250, 3.6852,
-15.3694

 81.9710, 6.9163,
-71.8886

 64.5600, 3.6679,
-56.6191

 47.3770, 1.2931,
-41.5496

 31.4820, -1.2236,

-27.6097

■ 14.4300, -5.6350,
-12.6551

■ 0.0000, 0.0000,
0.0000

■ 191.8850, 4.0007,
-70.0591

■ 191.8850, 4.0007,
-70.0591

■ 184.3240, 4.7703,
-83.5991

■ 199.4460, 3.2311,
-56.5191

■ 176.7630, 5.5398,
-97.1392

■ 207.0070, 2.4615,
-42.9791

■ 169.2020, 6.3094,
-110.6792

■ 214.5680, 1.6920,
-29.4391

■ 161.6410, 7.0790,
-124.2192

■ 222.1290, 0.9224,
-15.8991

■ 155.0910, 7.8431,
-136.0148

■ 229.9890, 0.0054,
-1.7444

■ 237.5500, -0.7641,
11.7957

■ 239.4300, 1.2670,
13.6549

■ 240.1140, 3.8878,
13.0550

■ 240.7980, 6.5086,
12.4552

Harmonies

Analogous

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



199.3830, -17.9368, -33.6619



191.8850, 4.0007, -70.0591



183.5880, 27.8111, -100.4937

Triad

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



191.8850, 4.0007, -70.0591



209.5150, 22.4241, -5.7137



206.0490, -27.6322, 42.9300

Complementary

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



191.8850, 4.0007, -70.0591



151.1150, -4.0007, 70.0591

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.



203.8270, -10.7607, 44.8787



191.8850, 4.0007, -70.0591



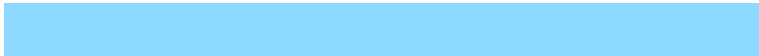
215.6490, 19.4000, 31.0028

Square

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



191.8850, 4.0007, -70.0591



198.6080, 27.8013, -50.5222



207.6860, 6.5638, 41.4944



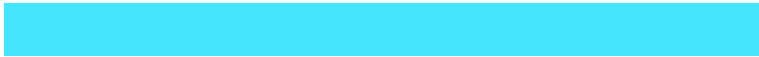
208.7520, -37.3457, 31.7895

Rectangle

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



191.8850, 4.0007, -70.0591



183.8250, 35.0893, -101.5785



207.6860, 6.5638, 41.4944



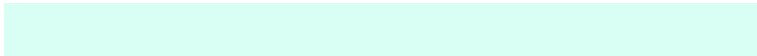
204.7270, -22.5434, 44.0894

Sweetspot

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



191.8850, 4.0007, -70.0591



242.4980, 1.2335, -22.3617



191.4210, -39.1546, -41.5882



120.4390, 0.7696, -13.5400



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.



191.8850, 4.0007, -70.0591



203.0840, 5.3816, -93.0357



178.9830, 25.6444, -58.7441



111.0700, 0.4585, -7.0774



120.1210, 5.8563, -105.3461



34.2690, 1.8394, -30.0539

Inverse Universe

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



151.1150, -4.0007, 70.0591



148.9160, -5.3816, 93.0357



164.0170, -25.6444, 58.7441



106.9300, -0.4585, 7.0774



58.7650, -6.2931, 105.4461



16.7310, -1.8394, 30.0539

Previews

White Background



This preview shows how the YUV color 191.8850, 4.0007, -70.0591 looks on a white background.

Color Contrast Check

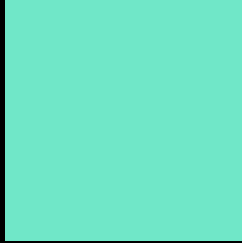
Large Text (above 18pt) WCAG AA × Fail

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 191.8850, 4.0007, -70.0591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

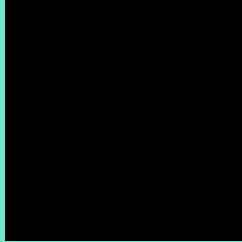
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

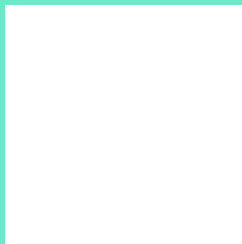
Any Text WCAG AAA ✓ Pass

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

YUV 191.8850, 4.0007, -70.0591 Background



This preview shows how black text looks on a background with the YUV color 191.8850, 4.0007, -70.0591.



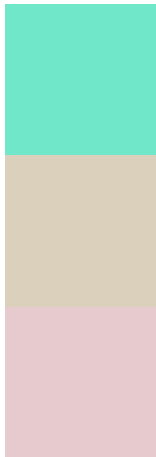
This preview shows how white text looks on a background with the YUV color 191.8850, 4.0007,

-70.0591.

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

191.8850, 4.0007, -70.0591

Protanopia

208.7100, -10.2100, 8.1473

Deuteranopia

210.8280, -2.3802, 16.8138



Tritanopia

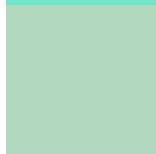
197.1520, 22.6031, -63.2773

Trichromacy



Original Color

191.8850, 4.0007, -70.0591



Protanomaly

202.2010, -5.0291, -20.3473



Deuteranomaly

204.2000, -0.0986, -15.0844



Tritanomaly

195.0070, 15.7725, -65.7811

Monochromacy



Original Color

191.8850, 4.0007, -70.0591



Achromatopsia

192.0000, 0.0000, 0.0000



Achromatomaly

191.8890, 1.5337, -25.3357

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.8850, 4.0007, -70.0591 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(112, 231, 200)` looks like.

```
.text, #text, p{  
    color:rgb(112, 231, 200)  
}
```

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(112, 231, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 231, 200) }
```

Border

The CSS property to change the border of an element to YUV 191.8850, 4.0007, -70.0591 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(112, 231, 200) }
```


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

```
.border{ border-color:rgb(112, 231, 200) }
```

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

Here you see how a box with a 4 pixel rgb(112, 231, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 231, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 231, 200);  
box-shadow:4px 4px 4px 4px rgb(112, 231,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 191.8850, 4.0007, -70.0591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 231, 200) }
```

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

```
.background{ background-color: rgb(112,  
231, 200) }
```

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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