

Converting Colors

YUV(197.6570, 3.1271,
-69.8592)

Have a look what the booklet for
YUV(197.6570, 3.1271, -69.8592)
contains.

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Color

**YUV(197.6570, 3.1271,
-69.8592)**

Conversions

Conversions Part 1

Format	Color
Hex	76EDCC
RGB	118, 237, 204
RGB Percent	46%, 93%, 80%
CMY	0.5373, 0.0706, 0.2000
CMYK	0.50, 0.00, 0.14, 0.07
HSL	163°, 77%, 70%
HSV	163°, 50%, 93%
XYZ	48.6545, 68.7796, 67.8382
YIQ	197.6570, -60.3310, -35.4910

Conversions

Conversions Part 2

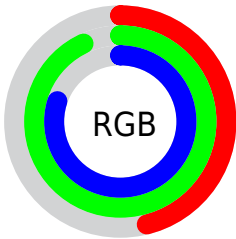
Format	Color
RYB	118, 187, 237
Decimal	7794124
CIELab	86.39, -41.38, 5.72
CIElCh	86, 41.777, 172.125
Yxy	68.7796, 0.2626, 0.3712
Android (android.graphics.Color)	4285984204 (0xFF76EDCC)
YUV	197.6570, 3.1271, -69.8592
Hunter-Lab	82.9334, -40.4131, 9.5552

Details

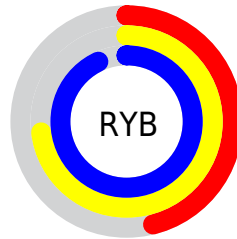
The YUV color **197.6570, 3.1271, -69.8592** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **157.3430, -3.1271, 69.8592**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.6780, 11.4977, -47.9526**, and **139.2050, 5.3219, -73.8478** is the 20% darker color. If you saturate the color by 10%, you get **189.6830, 3.6073, -83.9140**, and if you desaturate by 10%, it is **205.6310, 2.6469, -55.8044**.

Distribution



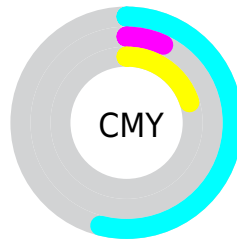
- Red (46%)
- Green (93%)
- Blue (80%)



- Red (46%)
- Yellow (73%)
- Blue (93%)



- Cyan (50%)
- Magenta (0%)
- Yellow (14%)
- Black (7%)



- Cyan (54%)
- Magenta (7%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.6570, 3.1271, -69.8592 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 197.6570, 3.1271, -69.8592 by changing the saturation by 10% instead.

197.6570, 3.1271,
-69.8592

197.6570, 3.1271,
-69.8592

255.0000, 0.0000,
0.0000

168.5860, 4.1481,
-70.6739

231.6780, 11.4977,
-47.9526

139.2050, 5.3219,
-73.8478

240.3490, 7.2229,
-30.1241

104.2460, 9.7387,
-90.5467

249.3190, 2.8007,
-11.6808

85.8350, 6.4903,
-75.2773

67.8370, 3.5314,
-59.4930

50.6540, 1.1566,
-44.4236

34.1720, -1.0708,

-29.9688

■ 19.1090, -5.4767,
-16.7586

■ 0.0000, 0.0000,
0.0000

■ 197.6570, 3.1271,
-69.8592

■ 197.6570, 3.1271,
-69.8592

■ 189.6830, 3.6073,
-83.9140

■ 205.6310, 2.6469,
-55.8044

■ 182.1220, 4.3769,
-97.4540

■ 213.1920, 1.8773,
-42.2644


■ 174.1480, 4.8570,
-111.5088

■ 221.1660, 1.3972,
-28.2096

■ 166.2880, 5.7740,
-125.6636


■ 229.0260, 0.4802,
-14.0548

 158.6130, 6.1068,
-139.1036

 236.7010, 0.1474,
-0.6148

 243.0660, -0.0325,
10.4661

 243.8640, 3.0250,
9.7663

 244.4340, 5.2090,
9.2664

Harmonies

Analogous

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



205.0410, -19.2472, -33.3620



197.6570, 3.1271, -69.8592



189.1750, 27.5217, -101.0085

Triad

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



197.6570, 3.1271, -69.8592



213.9340, 20.2455, -6.9581



209.5540, -26.8951, 39.8561

Complementary

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



197.6570, 3.1271, -69.8592



157.3430, -3.1271, 69.8592

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.



207.4460, -9.5869, 41.7049



197.6570, 3.1271, -69.8592



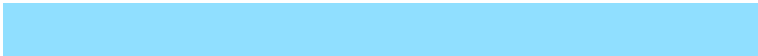
220.3670, 17.0741, 30.3731

Square

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



197.6570, 3.1271, -69.8592



203.0270, 25.6227, -51.7667



212.0060, 7.8850, 37.7057



214.3500, -37.6405, 33.0191

Rectangle

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



197.6570, 3.1271, -69.8592



188.5430, 32.7633, -102.2082



212.0060, 7.8850, 37.7057



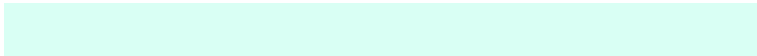
208.3460, -21.3696, 40.9156

Sweetspot

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



197.6570, 3.1271, -69.8592



242.3840, 0.7967, -22.2618



198.0190, -39.4494, -40.3587



120.3250, 0.3328, -13.4400



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.



197.6570, 3.1271, -69.8592



204.4650, 4.2078, -89.8618



186.1570, 25.0656, -59.7737



113.3690, 0.3111, -6.4626



121.1810, 4.8408, -106.2757



36.1440, 1.4080, -31.6983

Inverse Universe

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



157.3430, -3.1271, 69.8592



152.5350, -4.2078, 89.8618



168.8430, -25.0656, 59.7737



109.6310, -0.3111, 6.4626



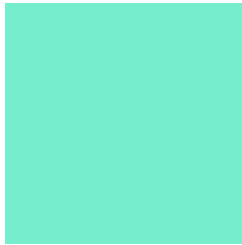
59.8190, -4.8408, 106.2757



17.8560, -1.4080, 31.6983

Previews

White Background



This preview shows how the YUV color 197.6570, 3.1271, -69.8592 looks on a white background.

Color Contrast Check

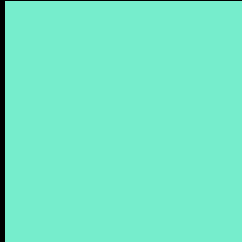
Large Text (above 18pt) WCAG AA × Fail

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 197.6570, 3.1271, -69.8592 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

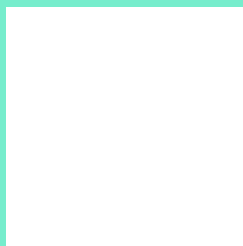
Any Text WCAG AAA ✓ Pass

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

YUV 197.6570, 3.1271, -69.8592 Background



This preview shows how black text looks on a background with the YUV color 197.6570, 3.1271, -69.8592.



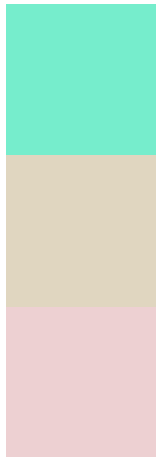
This preview shows how white text looks on a background with the YUV color 197.6570, 3.1271, -69.8592.

-69.8592.

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

197.6570, 3.1271, -69.8592

Protanopia

214.4820, -11.0836, 8.3473

Deuteranopia

216.8990, -3.4012, 17.6286



Tritanopia

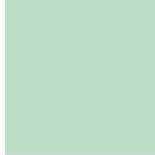
203.4510, 22.4557, -62.6625

Trichromacy



Original Color

197.6570, 3.1271, -69.8592



Protanomaly

207.9730, -5.9027, -20.1473



Deuteranomaly

210.2710, -1.1196, -14.2697



Tritanomaly

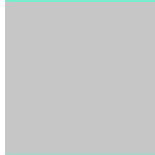
201.3060, 15.6251, -65.1664

Monochromacy



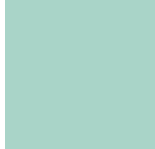
Original Color

197.6570, 3.1271, -69.8592



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

197.7750, 1.0969, -25.2357

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.6570, 3.1271, -69.8592 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(118, 237, 204)` looks like.

```
.text, #text, p{  
    color:rgb(118, 237, 204)  
}
```

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(118, 237, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 237, 204) }
```

Border

The CSS property to change the border of an element to YUV 197.6570, 3.1271, -69.8592 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(118, 237, 204) }
```


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

```
.border{ border-color:rgb(118, 237, 204) }
```

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

Here you see how a box with a 4 pixel rgb(118, 237, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 237, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 237, 204);  
box-shadow:4px 4px 4px 4px rgb(118, 237,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 197.6570, 3.1271, -69.8592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 237, 204) }
```

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

```
.background{ background-color: rgb(118,  
237, 204) }
```

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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