

Converting Colors

YUV(207.2660, -17.3861,
-70.3933)

Have a look what the booklet for
YUV(207.2660, -17.3861, -70.3933)
contains.

YUV(207.2660, -17.3861, -70.3933)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(207.2660, -17.3861,
-70.3933)**

Conversions

Conversions Part 1

Format	Color
Hex	7FFFAC
RGB	127, 255, 172
RGB Percent	50%, 100%, 67%
CMY	0.5020, 0.0000, 0.3255
CMYK	0.50, 0.00, 0.33, 0.00
HSL	141°, 100%, 75%
HSV	141°, 50%, 100%
XYZ	51.9588, 79.0106, 51.5418
YIQ	207.2660, -49.6450, -52.9490

Conversions

Conversions Part 2

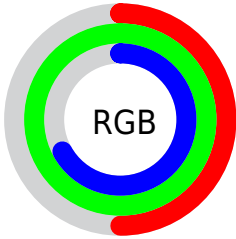
Format	Color
RYB	127, 222, 255
Decimal	8388524
CIELab	91.24, -53.41, 29.02
CIELCh	91, 60.784, 151.477
Yxy	79.0106, 0.2847, 0.4329
Android (android.graphics.Color)	4286578604 (0xFF7FFFAC)
YUV	207.2660, -17.3861, -70.3933
Hunter-Lab	88.8879, -51.2129, 27.8421

Details

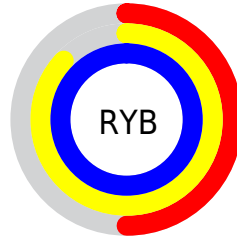
The YUV color **207.2660, -17.3861, -70.3933** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **174.7340, 17.3861, 70.3933**, and the grayscale version is **207.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.2910, -1.6225, -39.7202**, and **148.6400, -14.6125, -73.3523** is the 20% darker color. If you saturate the color by 10%, you get **197.8530, -21.1265, -84.0631**, and if you desaturate by 10%, it is **216.9780, -13.7932, -56.1087**.

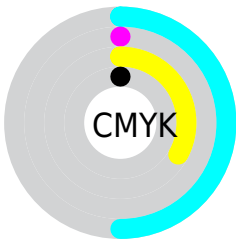
Distribution



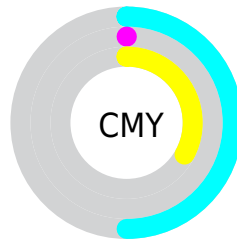
- Red (50%)
- Green (100%)
- Blue (67%)



- Red (50%)
- Yellow (87%)
- Blue (100%)



- Cyan (50%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)



- Cyan (50%)
- Magenta (0%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 207.2660, -17.3861, -70.3933 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 207.2660, -17.3861, -70.3933 by changing the saturation by 10% instead.

■ 207.2660,
-17.3861, -70.3933

■ 207.2660,
-17.3861, -70.3933

■ 255.0000, 0.0000,
0.0000

■ 178.1950,
-16.3651, -71.2080

■ 231.2910, -1.6225,
-39.7202

■ 148.6400,
-14.6125, -73.3523

■ 243.3390, 5.7489,
-23.9763

■ 116.1980,
-10.9436, -83.4886

■ 252.3090, 1.3267,
-5.5330

■ 91.2200, -10.9545,
-79.9999

■ 73.3360, -13.4766,
-64.3157

■ 55.4520, -15.9988,
-48.6314

■ 38.1550, -18.8104,

-33.4619

■ 25.2410, -12.4438,
-22.1364

■ 4.6960, -2.3151,
-4.1184

■ 207.2660,
-17.3861, -70.3933

■ 207.2660,
-17.3861, -70.3933

■ 197.8530,
-21.1265, -84.0631

■ 216.9780,
-13.7932, -56.1087

■ 188.2550,
-24.2827, -98.4476

■ 226.2770,
-10.4896, -42.3389

■ 178.8420,
-28.0231, -112.1174

■ 235.9890, -6.8966,
-28.0544

■ 169.2440,
-31.1793, -126.5020

■ 245.2880, -3.5930,
-14.2846

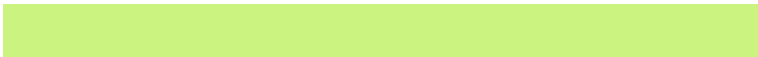
■ 159.9450,
-34.4829, -140.2718

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



218.1040, -44.9143, -14.1232



207.2660, -17.3861, -70.3933



176.0190, 27.1056, -154.3687

Triad

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



207.2660, -17.3861, -70.3933



207.0810, 23.6241, -64.0920



206.2090, -16.8650, 42.7897

Complementary

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



207.2660, -17.3861, -70.3933



174.7340, 17.3861, 70.3933

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.



208.5980, 10.0582, 40.6946



207.2660, -17.3861, -70.3933



225.8500, 14.3710, 10.6556

Square

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



207.2660, -17.3861, -70.3933



175.8200, 39.0357, -154.1941



218.0190, 18.2316, 32.4323



212.3460, -41.5826, 37.4076

Rectangle

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



207.2660, -17.3861, -70.3933



178.7550, 37.5888, -156.7681



218.0190, 18.2316, 32.4323



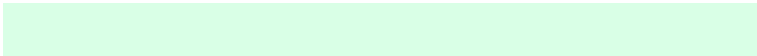
205.9130, -7.8451, 43.0493

Sweetspot

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



207.2660, -17.3861, -70.3933



240.7880, -5.3185, -20.8621



226.9530, -49.2768, -14.8678



119.4130, -3.1616, -12.6402



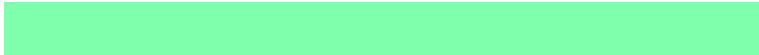
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



207.2660, -17.3861, -70.3933



197.9670, -20.6897, -84.1631



214.5620, 10.5689, -76.7919



123.0870, -2.0149, -7.0923



119.7550, -26.0082, -105.0251



40.0760, -8.9115, -35.1467

Inverse Universe

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



174.7340, 17.3861, 70.3933



159.0330, 20.6897, 84.1631



167.4380, -10.5689, 76.7919



119.7990, 1.5781, 7.1923



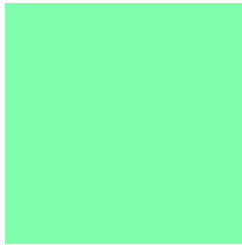
71.2450, 26.0082, 105.0251



23.8100, 8.4747, 35.2466

Previews

White Background



This preview shows how the YUV color 207.2660, -17.3861, -70.3933 looks on a white background.

Color Contrast Check

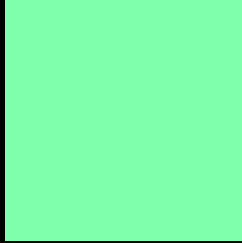
Large Text (above 18pt) WCAG AA × Fail

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 207.2660, -17.3861, -70.3933 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 207.2660, -17.3861, -70.3933 Background



This preview shows how black text looks on a background with the YUV color 207.2660, -17.3861, -70.3933.



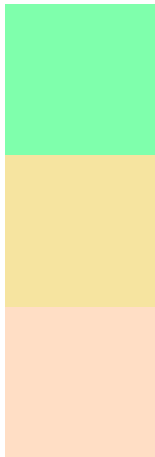
This preview shows how white text looks on a background with the YUV color 207.2660, -17.3861, -70.3933.

-70.3933.

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

207.2660, -17.3861, -70.3933

Protanopia

225.6300, -32.3556, 17.8645

Deuteranopia

229.0170, -15.7844, 22.7871



Tritanopia

221.9760, 16.2808, -42.0750

Trichromacy



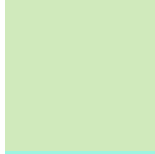
Original Color

207.2660, -17.3861, -70.3933



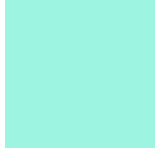
Protanomaly

219.0990, -27.1638, -14.1188



Deuteranomaly

220.9820, -16.2601, -11.3852



Tritanomaly

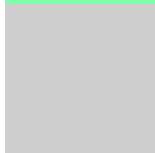
216.4080, 4.2359, -52.1008

Monochromacy



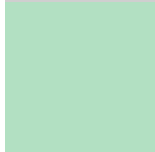
Original Color

207.2660, -17.3861, -70.3933



Achromatopsia

207.0000, 0.0000, 0.0000



Achromatomaly

206.8260, -6.3232, -25.2804

CSS Examples

Text

The CSS property to change the color of the text to YUV 207.2660, -17.3861, -70.3933 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(127, 255, 172)` looks like.

```
.text, #text, p{  
    color:rgb(127, 255, 172)  
}
```

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(127, 255, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 255, 172) }
```

Border

The CSS property to change the border of an element to YUV 207.2660, -17.3861, -70.3933 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(127, 255, 172) }
```


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

```
.border{ border-color:rgb(127, 255, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 255, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 255, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 255, 172);  
box-shadow:4px 4px 4px 4px rgb(127, 255,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 207.2660, -17.3861, -70.3933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 255, 172) }
```

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

```
.background{ background-color: rgb(127,  
255, 172) }
```

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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