

Converting Colors

YUV(189.0080, -9.3709,
-74.5520)

Have a look what the booklet for
YUV(189.0080, -9.3709, -74.5520)
contains.

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Color

**YUV(189.0080, -9.3709,
-74.5520)**

Conversions

Conversions Part 1

Format	Color
Hex	68ECAA
RGB	104, 236, 170
RGB Percent	41%, 93%, 67%
CMY	0.5922, 0.0745, 0.3333
CMYK	0.56, 0.00, 0.28, 0.07
HSL	150°, 78%, 67%
HSV	150°, 56%, 93%
XYZ	42.9601, 65.8362, 48.4736
YIQ	189.0080, -57.4860, -48.5100

Conversions

Conversions Part 2

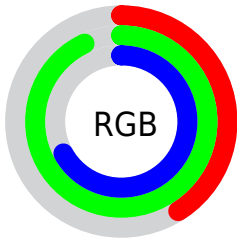
Format	Color
RYB	104, 192, 236
Decimal	6876330
CIELab	84.91, -51.25, 21.27
CIELCh	85, 55.491, 157.457
Yxy	65.8362, 0.2732, 0.4186
Android (android.graphics.Color)	4285066410 (0xFF68ECAA)
YUV	189.0080, -9.3709, -74.5520
Hunter-Lab	81.1395, -47.4857, 21.3772

Details

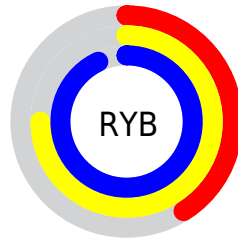
The YUV color **189.0080, -9.3709, -74.5520** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **150.9920, 9.3709, 74.5520**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.3710, 0.3101, -52.9454**, and **128.3920, -5.1233, -83.6588** is the 20% darker color. If you saturate the color by 10%, you get **180.4640, -11.0748, -88.1069**, and if you desaturate by 10%, it is **197.5520, -7.6671, -60.9971**.

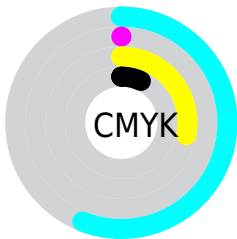
Distribution



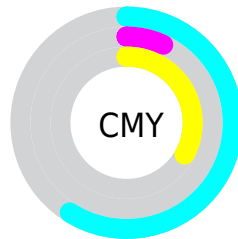
- Red (41%)
- Green (93%)
- Blue (67%)



- Red (41%)
- Yellow (75%)
- Blue (93%)



- Cyan (56%)
- Magenta (0%)
- Yellow (28%)
- Black (7%)



- Cyan (59%)
- Magenta (7%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.0080, -9.3709, -74.5520 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 189.0080, -9.3709, -74.5520 by changing the saturation by 10% instead.

 189.0080, -9.3709,
-74.5520

 189.0080, -9.3709,
-74.5520


255.0000, 0.0000,
0.0000


 159.3390, -8.0551,
-76.5963


 224.3710, 0.3101,
-52.9454

 128.3920, -5.1233,
-83.6588


 236.6470, 8.5550,
-37.4014


 99.8260, -3.3652,
-87.5474

 245.7310, 4.5696,
-19.0581

 81.2410, -6.0348,
-71.2484

254.7010, 0.1474,
-0.6148

 63.3570, -8.5570,
-55.5641

 46.1740, -10.9318,
-40.4946

 29.9370, -14.7589,

-26.2547

■ 15.2620, -7.5242,
-13.3848

■ 0.0000, 0.0000,
0.0000

■ 189.0080, -9.3709,
-74.5520

■ 189.0080, -9.3709,
-74.5520

■ 180.4640,
-11.0748, -88.1069

■ 197.5520, -7.6671,
-60.9971

■ 172.2190,
-12.9260, -101.0471


■ 205.7970, -5.8159,
-48.0570

■ 163.7890,
-14.1930, -114.7020

■ 214.2270, -4.5489,
-34.4021

■ 155.5440,
-16.0442, -127.6421

■ 222.4720, -2.6977,
-21.4619

 151.9840,
-16.7541, -133.2900

 231.0160, -0.9939,
-7.9070

 239.5600, 0.7099,
5.6479

 243.6190, 4.6248,
9.9811

 243.8470, 5.4984,
9.7812

Harmonies

Analogous

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



199.9380, -36.4514, -21.8706



189.0080, -9.3709, -74.5520



165.8290, 28.6783, -145.4320

Triad

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



189.0080, -9.3709, -74.5520



198.9510, 27.6322, -42.9300



197.3580, -22.8545, 50.5520

Complementary

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



189.0080, -9.3709, -74.5520



150.9920, 9.3709, 74.5520

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.



198.3620, 1.3005, 49.6715



189.0080, -9.3709, -74.5520



212.3270, 21.0378, 19.0072

Square

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



189.0080, -9.3709, -74.5520



162.9060, 45.4023, -142.8686



207.8120, 22.2777, 41.3839



203.8200, -43.7883, 44.8849

Rectangle

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



189.0080, -9.3709, -74.5520



168.7760, 42.5084, -148.0166



207.8120, 22.2777, 41.3839



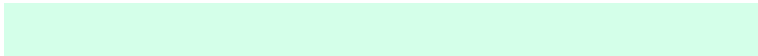
196.8340, -14.7082, 51.0116

Sweetspot

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



189.0080, -9.3709, -74.5520



239.6350, -3.2711, -24.2359



201.2180, -47.9285, -27.3782



118.7440, -1.8458, -14.6845



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.



189.0080, -9.3709, -74.5520



194.1810, -11.9212, -96.6287



196.5320, 19.4577, -81.1506



113.0270, -0.9993, -6.1627



116.6210, -12.6312, -102.2766



34.7760, -3.8336, -30.4986

Inverse Universe

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



150.9920, 9.3709, 74.5520



144.9330, 12.3580, 96.5288



143.4680, -19.4577, 81.1506



109.8590, 0.5625, 6.2627



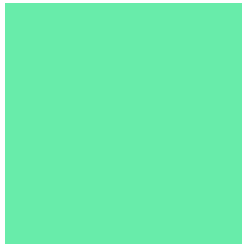
64.4930, 13.0680, 102.1766



19.2240, 3.8336, 30.4986

Previews

White Background



This preview shows how the YUV color 189.0080, -9.3709, -74.5520 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 189.0080, -9.3709, -74.5520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

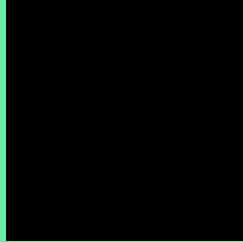
Any Text WCAG AA ✓ Pass

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 189.0080, -9.3709, -74.5520 Background



This preview shows how black text looks on a background with the YUV color 189.0080, -9.3709, -74.5520.



This preview shows how white text looks on a background with the YUV color 189.0080, -9.3709, -74.5520.

-74.5520.

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

189.0080, -9.3709, -74.5520

Protanopia

208.5570, -24.9246, 14.4205

Deuteranopia

211.1100, -16.8162, 27.0905



Tritanopia

198.2660, 23.0399, -63.3773

Trichromacy



Original Color

189.0080, -9.3709, -74.5520



Protanomaly

201.1400, -19.2960, -17.6628



Deuteranomaly

202.8620, -14.2290, -9.5260



Tritanomaly

195.1440, 11.2680, -67.6553

Monochromacy



Original Color

189.0080, -9.3709, -74.5520



Achromatopsia

189.0000, 0.0000, 0.0000



Achromatomaly

188.9120, -3.4076, -27.1098

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.0080, -9.3709, -74.5520 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(104, 236, 170)` looks like.

```
.text, #text, p{  
    color:rgb(104, 236, 170)  
}
```

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(104, 236, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 236, 170) }
```

Border

The CSS property to change the border of an element to YUV 189.0080, -9.3709, -74.5520 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(104, 236, 170) }
```


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

```
.border{ border-color:rgb(104, 236, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 236, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 236, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 236, 170);  
box-shadow:4px 4px 4px 4px rgb(104, 236,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 189.0080, -9.3709, -74.5520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 236, 170) }
```

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

```
.background{ background-color: rgb(104,  
236, 170) }
```

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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