

# Converting Colors

YUV(202.8690, -1.9074,  
-88.4621)

Have a look what the booklet for  
YUV(202.8690, -1.9074, -88.4621)  
contains.

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# Color

**YUV(202.8690, -1.9074,  
-88.4621)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66FFC7
RGB	102, 255, 199
RGB Percent	40%, 100%, 78%
CMY	0.6000, 0.0000, 0.2196
CMYK	0.60, 0.00, 0.22, 0.00
HSL	158°, 100%, 70%
HSV	158°, 60%, 100%
XYZ	51.5483, 78.4683, 66.4619
YIQ	202.8690, -73.2120, -49.8520

# Conversions

## Conversions Part 2

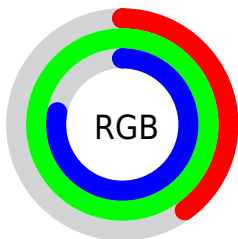
Format	Color
RYB	102, 196, 255
Decimal	6750151
CIELab	90.99, -53.43, 14.82
CIElCh	91, 55.442, 164.501
Yxy	78.4683, 0.2624, 0.3994
Android (android.graphics.Color)	4284940231 (0xFF66FFC7)
YUV	202.8690, -1.9074, -88.4621
Hunter-Lab	88.5823, -51.1454, 17.5233

# Details

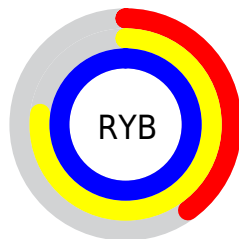
The YUV color **202.8690, -1.9074, -88.4621** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **154.1310, 1.9074, 88.4621**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.0900, 13.2666, -55.3299**, and **135.4580, 4.7042, -109.1497** is the 20% darker color. If you saturate the color by 10%, you get **194.3680, -2.1534, -102.9317**, and if you desaturate by 10%, it is **211.6690, -1.8088, -73.3777**.

# Distribution



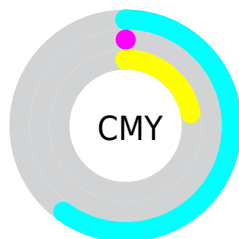
- Red (40%)
- Green (100%)
- Blue (78%)



- Red (40%)
- Yellow (77%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)



- Cyan (60%)
- Magenta (0%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 202.8690, -1.9074, -88.4621 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 202.8690, -1.9074, -88.4621 by changing the saturation by 10% instead.



 202.8690, -1.9074,  
-88.4621

 202.8690, -1.9074,  
-88.4621

255.0000, 0.0000,  
0.0000

 172.3030, -0.1494,  
-92.3507


 228.0900, 13.2666,  
-55.3299


 135.4580, 4.7042,  
-109.1497


 237.0600, 8.8444,  
-36.8866

 112.7690, 3.0719,  
-98.8984

 246.3290, 4.2748,  
-17.8285

 94.0700, -0.0345,  
-82.4994

 76.1860, -2.5567,  
-66.8151

 58.3020, -5.0789,  
-51.1309

 41.2330, -7.0169,

-36.1613

■ 25.4690, -11.5702,  
-22.3363

■ 4.1090, -2.0257,  
-3.6036

■ 202.8690, -1.9074,  
-88.4621

■ 202.8690, -1.9074,  
-88.4621

■ 194.3680, -2.1534,  
-102.9317

■ 211.6690, -1.8088,  
-73.3777

■ 185.4540, -2.6888,  
-117.9162

■ 220.2840, -1.1260,  
-59.0081

■ 176.6540, -2.7874,  
-133.0006

■ 229.0840, -1.0274,  
-43.9237

■ 168.1530, -3.0334,  
-147.4702

■ 237.5850, -0.7814,  
-29.4540

246.4990, -0.2460,  
-14.4696

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.



215.4250, -31.7615, -32.8217



202.8690, -1.9074, -88.4621



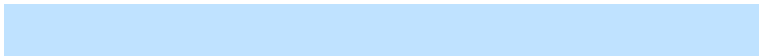
178.6410, 37.1520, -156.6682

# Triad

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



202.8690, -1.9074, -88.4621



218.8410, 17.8264, -24.4166



210.3690, -26.3109, 39.1414

# Complementary

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



202.8690, -1.9074, -88.4621



154.1310, 1.9074, 88.4621

# 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.



209.3840, -2.1613, 40.0052



202.8690, -1.9074, -88.4621



226.2370, 14.1802, 25.2252

# Square

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



202.8690, -1.9074, -88.4621



194.4350, 29.8585, -103.8675



216.8450, 18.8104, 33.4619



217.4010, -45.0607, 32.9743



# Rectangle

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



202.8690, -1.9074, -88.4621



178.7550, 37.5888, -156.7681



216.8450, 18.8104, 33.4619



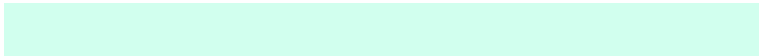
209.1440, -18.3120, 40.2157

# Sweetspot

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



202.8690, -1.9074, -88.4621



239.3080, -0.6448, -26.5801



208.5550, -52.5316, -44.3367



118.0750, -0.5300, -16.7288



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.



202.8690, -1.9074, -88.4621



192.3460, -2.1426, -106.4204



197.5130, 28.3411, -83.7649



123.5430, -0.2677, -7.4922



125.9110, -2.4211, -110.4239



42.1280, -1.0491, -36.9463



# Inverse Universe

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



154.1310, 1.9074, 88.4621



133.7680, 2.5794, 106.3205



159.4870, -28.3411, 83.7649



119.3430, -0.1691, 7.5922



65.0890, 2.4211, 110.4239

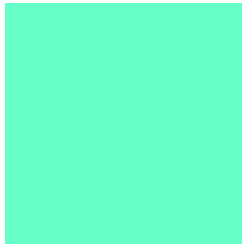


21.7580, 0.6123, 37.0462



# Previews

## White Background



This preview shows how the YUV color 202.8690, -1.9074, -88.4621 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

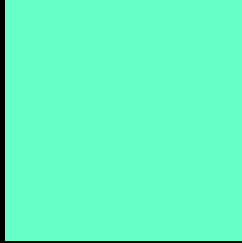
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 202.8690, -1.9074, -88.4621 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

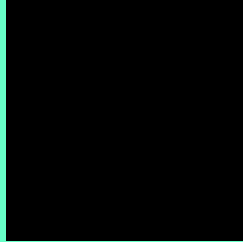
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 202.8690, -1.9074, -88.4621

## Background



This preview shows how black text looks on a background with the YUV color 202.8690, -1.9074, -88.4621.



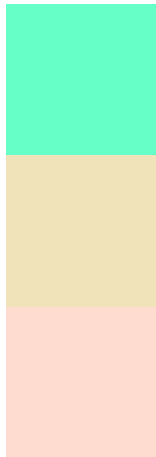
This preview shows how white text looks on a background with the YUV color 202.8690, -1.9074,

-88.4621.

# 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

202.8690, -1.9074, -88.4621

### Protanopia

226.3980, -20.4092, 12.8060

### Deuteranopia

229.0970, -10.4008, 22.7169



## Tritanopia

219.5730, 17.4655, -48.7375

# Trichromacy



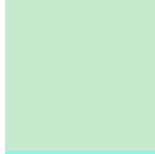
## Original Color

202.8690, -1.9074, -88.4621



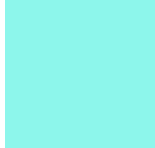
## Protanomaly

217.5890, -13.6014, -24.1956



## Deuteranomaly

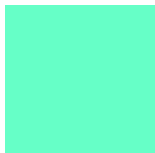
219.6420, -7.2185, -18.1030



## Tritanomaly

213.3510, 10.6730, -63.4518

# Monochromacy



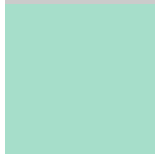
## Original Color

202.8690, -1.9074, -88.4621



## Achromatopsia

203.0000, 0.0000, 0.0000



## Achromatomaly

202.9760, -0.4812, -32.4280

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 202.8690, -1.9074, -88.4621 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(102, 255, 199)` looks like.

```
.text, #text, p{  
    color:rgb(102, 255, 199)  
}
```

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(102, 255, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 255, 199) }
```

## Border

The CSS property to change the border of an element to YUV 202.8690, -1.9074, -88.4621 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(102, 255, 199) }
```



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

```
.border{ border-color:rgb(102, 255, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 255, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 255, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 255, 199);  
box-shadow:4px 4px 4px 4px rgb(102, 255,  
199) }
```

# Background

The CSS property to change the background color of an element to YUV 202.8690, -1.9074, -88.4621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 255, 199) }
```

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

```
.background{ background-color: rgb(102,  
255, 199) }
```

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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