

Converting Colors

YUV(201.0730, 8.8380,
-81.6250)

Have a look what the booklet for
YUV(201.0730, 8.8380, -81.6250)
contains.

YUV(201.0730, 8.8380, -81.6250)	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(201.0730, 8.8380,
-81.6250)**

Conversions

Conversions Part 1

Format	Color
Hex	6CF5DB
RGB	108, 245, 219
RGB Percent	42%, 96%, 86%
CMY	0.5765, 0.0392, 0.1412
CMYK	0.56, 0.00, 0.11, 0.04
HSL	169°, 87%, 69%
HSV	169°, 56%, 96%
XYZ	51.6229, 73.6074, 78.5047
YIQ	201.0730, -73.3060, -37.1300

Conversions

Conversions Part 2

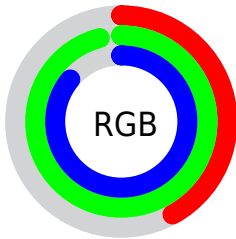
Format	Color
RYB	108, 184, 245
Decimal	7140827
CIELab	88.74, -43.50, 1.24
CIELCh	89, 43.521, 178.366
Yxy	73.6074, 0.2534, 0.3613
Android (android.graphics.Color)	4285330907 (0xFF6CF5DB)
YUV	201.0730, 8.8380, -81.6250
Hunter-Lab	85.7948, -42.7370, 5.8043

Details

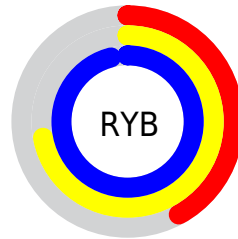
The YUV color **201.0730, 8.8380, -81.6250** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **151.9270, -8.8380, 81.6250**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.2860, 12.6770, -52.8708**, and **138.9190, 12.3649, -92.8910** is the 20% darker color. If you saturate the color by 10%, you get **193.3270, 10.1918, -95.8798**, and if you desaturate by 10%, it is **208.8190, 7.4842, -67.3703**.

Distribution



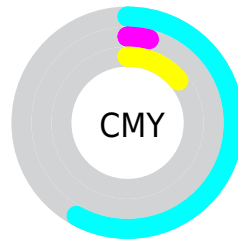
- Red (42%)
- Green (96%)
- Blue (86%)



- Red (42%)
- Yellow (72%)
- Blue (96%)



- Cyan (56%)
- Magenta (0%)
- Yellow (11%)
- Black (4%)





- Cyan (58%)
- Magenta (4%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YUV color 201.0730, 8.8380, -81.6250 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 201.0730, 8.8380, -81.6250 by changing the saturation by 10% instead.


 201.0730, 8.8380,
-81.6250

 201.0730, 8.8380,
-81.6250

255.0000, 0.0000,
0.0000

 170.9910, 9.8644,
-84.1841


 229.2860, 12.6770,
-52.8708


 138.9190, 12.3649,
-92.8910


 238.5550, 8.1074,
-33.8127

 110.2390, 13.6862,
-96.6796

 247.5250, 3.6852,
-15.3694

 91.4260, 10.1430,
-80.1806

 73.4280, 7.1840,
-64.3964

 56.1310, 4.3724,
-49.2269

 38.9480, 1.9976,

-34.1574

■ 24.2270, -1.0979,
-21.2471

■ 0.0000, 0.0000,
0.0000

■ 201.0730, 8.8380,
-81.6250

■ 201.0730, 8.8380,
-81.6250

■ 193.3270, 10.1918,
-95.8798

■ 208.8190, 7.4842,
-67.3703

■ 185.3960, 12.1298,
-110.8493


■ 216.7500, 5.5463,
-52.4007


■ 177.3510, 13.6310,
-125.7188

■ 224.7950, 4.0451,
-37.5312


■ 169.6050, 14.9847,
-139.9736


■ 232.5410, 2.6913,
-23.2765

 166.5010, 16.0220,
-146.0214

 240.4720, 0.7533,
-8.3069

 248.2180, -0.6005,
5.9478

 248.7880, 1.5835,
5.4479

 249.1300, 2.8939,
5.1480

Harmonies

Analogous

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



209.8980, -15.7257, -42.8835



201.0730, 8.8380, -81.6250



191.7330, 31.1906, -111.1448

Triad

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



201.0730, 8.8380, -81.6250



221.3760, 16.5766, 3.1782



214.0220, -30.0838, 35.9377

Complementary

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



201.0730, 8.8380, -81.6250



151.9270, -8.8380, 81.6250

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.



211.2130, -12.9230, 38.4012



201.0730, 8.8380, -81.6250



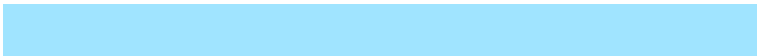
222.1280, 16.2059, 28.8287

Square

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



201.0730, 8.8380, -81.6250



210.7460, 21.8172, -44.5042



214.2400, 6.2907, 35.7465



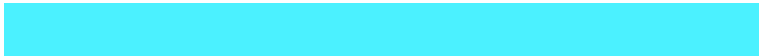
220.0460, -39.9557, 28.9007

Rectangle

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



201.0730, 8.8380, -81.6250



192.9620, 30.5847, -103.4527



214.2400, 6.2907, 35.7465



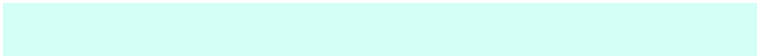
212.7000, -24.9951, 37.0971

Sweetspot

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



201.0730, 8.8380, -81.6250



241.2310, 2.8441, -25.6356



196.4920, -43.6266, -53.9285



119.6560, 1.6486, -15.4843



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.



201.0730, 8.8380, -81.6250



200.2230, 11.2291, -101.9276



179.9700, 32.0598, -63.1177



118.1840, 0.8953, -7.1774



126.3960, 12.1298, -110.8493



40.1050, 3.8922, -35.1721

Inverse Universe

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



151.9270, -8.8380, 81.6250



138.8910, -10.7923, 101.8276



173.0300, -32.0598, 63.1177



113.8160, -0.8953, 7.1774



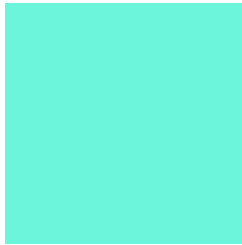
59.6040, -12.1298, 110.8493



18.8950, -3.8922, 35.1721

Previews

White Background



This preview shows how the YUV color 201.0730, 8.8380, -81.6250 looks on a white background.

Color Contrast Check

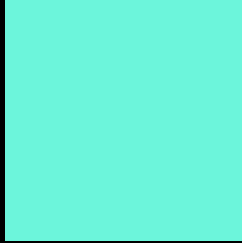
Large Text (above 18pt) WCAG AA × Fail

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 201.0730, 8.8380, -81.6250 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 201.0730, 8.8380, -81.6250 Background



This preview shows how black text looks on a background with the YUV color 201.0730, 8.8380, -81.6250.



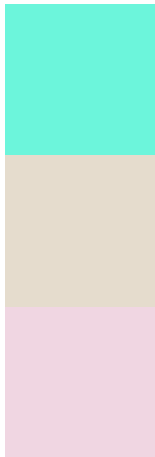
This preview shows how white text looks on a background with the YUV color 201.0730, 8.8380,

-81.6250.

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

201.0730, 8.8380, -81.6250

Protanopia

220.9810, -7.8786, 7.0327

Deuteranopia

223.1420, 1.4090, 14.7845



Tritanopia

209.1520, 22.6031, -63.2773

Trichromacy



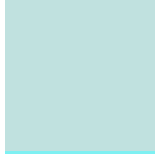
Original Color

201.0730, 8.8380, -81.6250



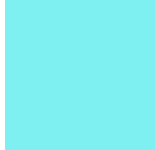
Protanomaly

213.6780, -1.8133, -25.1506



Deuteranomaly

214.9050, 3.9908, -20.0877



Tritanomaly

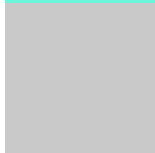
206.1420, 17.6780, -70.2845

Monochromacy



Original Color

201.0730, 8.8380, -81.6250



Achromatopsia

201.0000, 0.0000, 0.0000



Achromatomaly

201.0240, 3.4392, -29.8390

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.0730, 8.8380, -81.6250 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(108, 245, 219)` looks like.

```
.text, #text, p{  
    color:rgb(108, 245, 219)  
}
```

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(108, 245, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 245, 219) }
```

Border

The CSS property to change the border of an element to YUV 201.0730, 8.8380, -81.6250 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(108, 245, 219) }
```


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

```
.border{ border-color:rgb(108, 245, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 245, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 245, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 245, 219);  
box-shadow:4px 4px 4px 4px rgb(108, 245,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 201.0730, 8.8380, -81.6250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 245, 219) }
```

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

```
.background{ background-color: rgb(108,  
245, 219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor