

Converting Colors

YUV(200.5770, -5.7075,
-82.9440)

Have a look what the booklet for
YUV(200.5770, -5.7075, -82.9440)
contains.

YUV(200.5770, -5.7075, -82.9440)	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(200.5770, -5.7075,
-82.9440)**

Conversions

Conversions Part 1

Format	Color
Hex	6AFBBD
RGB	106, 251, 189
RGB Percent	42%, 98%, 74%
CMY	0.5843, 0.0157, 0.2588
CMYK	0.58, 0.00, 0.25, 0.02
HSL	154°, 95%, 70%
HSV	154°, 58%, 98%
XYZ	49.6263, 75.7327, 60.1464
YIQ	200.5770, -66.5180, -50.0220

Conversions

Conversions Part 2

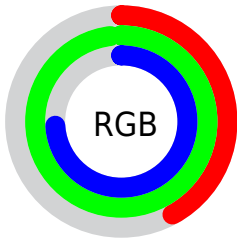
Format	Color
RYB	106, 198, 251
Decimal	7011261
CIELab	89.74, -53.14, 18.20
CIElCh	90, 56.166, 161.092
Yxy	75.7327, 0.2675, 0.4083
Android (android.graphics.Color)	4285201341 (0xFF6AFBBD)
YUV	200.5770, -5.7075, -82.9440
Hunter-Lab	87.0245, -50.5020, 19.9393

Details

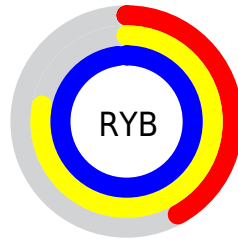
The YUV color **200.5770, -5.7075, -82.9440** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **156.4230, 5.7075, 82.9440**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.8470, 8.4564, -52.4858**, and **137.4660, -0.7227, -95.1247** is the 20% darker color. If you saturate the color by 10%, you get **191.8480, -6.8271, -97.2137**, and if you desaturate by 10%, it is **209.3060, -4.5879, -68.6744**.

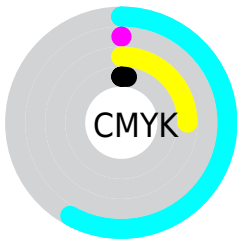
Distribution



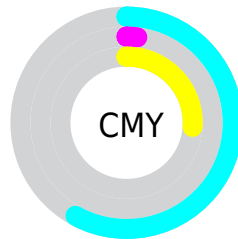
- Red (42%)
- Green (98%)
- Blue (74%)



- Red (42%)
- Yellow (78%)
- Blue (98%)



- Cyan (58%)
- Magenta (0%)
- Yellow (25%)
- Black (2%)



- Cyan (58%)
- Magenta (2%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.5770, -5.7075, -82.9440 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 200.5770, -5.7075, -82.9440 by changing the saturation by 10% instead.

 200.5770, -5.7075,
-82.9440

 200.5770, -5.7075,
-82.9440

255.0000, 0.0000,
0.0000

 170.6090, -4.2442,
-85.6031


 227.8470, 8.4564,
-52.4858


 137.4660, -0.7227,
-95.1247


 237.9570, 8.4022,
-35.0423

 109.9820, 0.0089,
-96.4542

 246.9270, 3.9800,
-16.5990

 91.2830, -3.0975,
-80.0552

 72.8120, -5.3303,
-63.8561

 55.6290, -7.7051,
-48.7866

 38.4460, -10.0799,

-33.7171

■ 22.8930, -11.2862,
-20.0772

■ 0.0000, 0.0000,
0.0000

■ 200.5770, -5.7075,
-82.9440

■ 200.5770, -5.7075,
-82.9440

■ 191.8480, -6.8271,
-97.2137

■ 209.3060, -4.5879,
-68.6744

■ 183.2330, -7.5099,
-111.5833

■ 217.9210, -3.9051,
-54.3047

■ 174.5040, -8.6295,
-125.8530

■ 226.6500, -2.7854,
-40.0350

■ 165.7750, -9.7491,
-140.1227

■ 235.3790, -1.6658,
-25.7654

■ 163.7530, -9.7382,
-143.6114

■ 244.1080, -0.5462,
-11.4957

■ 252.4240, 0.2840,
2.2592

■ 252.6520, 1.1576,
2.0592

Harmonies

Analogous

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



212.9480, -34.9774, -28.0184



200.5770, -5.7075, -82.9440



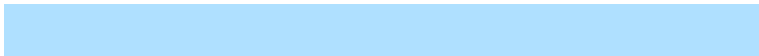
176.9140, 33.0734, -155.1536

Triad

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



200.5770, -5.7075, -82.9440



212.8830, 20.7637, -33.2234



206.9610, -24.1378, 42.1302

Complementary

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



200.5770, -5.7075, -82.9440



156.4230, 5.7075, 82.9440

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.



206.7910, 0.5960, 42.2793



200.5770, -5.7075, -82.9440



225.0630, 14.7589, 26.2547

Square

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



200.5770, -5.7075, -82.9440



180.1050, 36.9232, -129.8881



215.0840, 19.6786, 35.0063



214.2380, -44.4873, 35.7483

Rectangle

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



200.5770, -5.7075, -82.9440



176.9940, 38.4570, -155.2237



215.0840, 19.6786, 35.0063



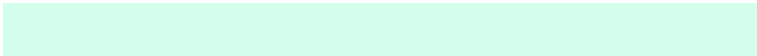
205.7360, -16.1388, 43.2045

Sweetspot

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



200.5770, -5.7075, -82.9440



239.9770, -1.9607, -24.5358



209.9520, -51.2483, -35.9149



118.9720, -0.9722, -14.8844



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.



200.5770, -5.7075, -82.9440



193.8260, -6.8162, -100.7024



201.7750, 24.2679, -83.9947



120.5430, -0.2677, -7.4922



123.2550, -7.5207, -108.0946



39.7970, -2.3649, -34.9020

Inverse Universe

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



156.4230, 5.7075, 82.9440



140.1740, 6.8162, 100.7024



155.2250, -24.2679, 83.9947



116.5710, 0.7045, 7.3922



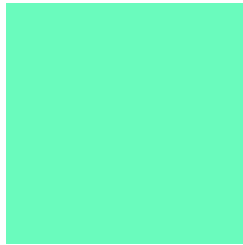
65.7450, 7.5207, 108.0946



21.2030, 2.3649, 34.9020

Previews

White Background



This preview shows how the YUV color 200.5770, -5.7075, -82.9440 looks on a white background.

Color Contrast Check

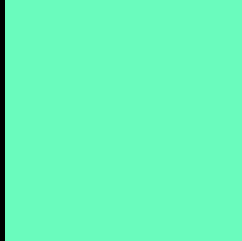
Large Text (above 18pt) WCAG AA × Fail

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 200.5770, -5.7075, -82.9440 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 200.5770, -5.7075, -82.9440 Background



This preview shows how black text looks on a background with the YUV color 200.5770, -5.7075, -82.9440.



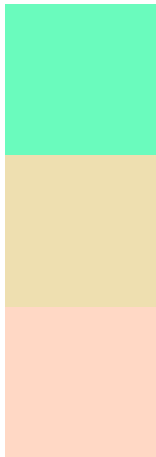
This preview shows how white text looks on a background with the YUV color 200.5770, -5.7075,

-82.9440.

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

200.5770, -5.7075, -82.9440

Protanopia

222.1270, -22.7406, 13.9206

Deuteranopia

225.4950, -14.0480, 25.8759



Tritanopia

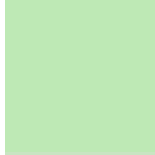
214.5120, 19.9606, -55.7000

Trichromacy



Original Color

200.5770, -5.7075, -82.9440



Protanomaly

214.2150, -16.3750, -21.2366



Deuteranomaly

216.6380, -11.1605, -13.7145



Tritanomaly

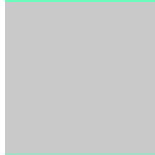
209.3400, 10.6784, -65.1962

Monochromacy



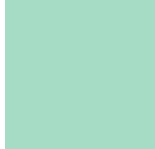
Original Color

200.5770, -5.7075, -82.9440



Achromatopsia

201.0000, 0.0000, 0.0000



Achromatomaly

200.6450, -1.7970, -30.3837

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.5770, -5.7075, -82.9440 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(106, 251, 189)` looks like.

```
.text, #text, p{  
    color:rgb(106, 251, 189)  
}
```

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(106, 251, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 251, 189) }
```

Border

The CSS property to change the border of an element to YUV 200.5770, -5.7075, -82.9440 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(106, 251, 189) }
```


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

```
.border{ border-color:rgb(106, 251, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 251, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 251, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 251, 189);  
box-shadow:4px 4px 4px 4px rgb(106, 251,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 200.5770, -5.7075, -82.9440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 251, 189) }
```

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

```
.background{ background-color: rgb(106,  
251, 189) }
```

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