

Converting Colors

YUV(201.0170, -6.4174,
-88.5919)

Have a look what the booklet for
YUV(201.0170, -6.4174, -88.5919)
contains.

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Color

**YUV(201.0170, -6.4174,
-88.5919)**

Conversions

Conversions Part 1

Format	Color
Hex	64FFBC
RGB	100, 255, 188
RGB Percent	39%, 100%, 74%
CMY	0.6078, 0.0000, 0.2627
CMYK	0.61, 0.00, 0.26, 0.00
HSL	154°, 100%, 70%
HSV	154°, 61%, 100%
XYZ	50.0926, 77.8602, 59.9653
YIQ	201.0170, -70.8730, -53.6970

Conversions

Conversions Part 2

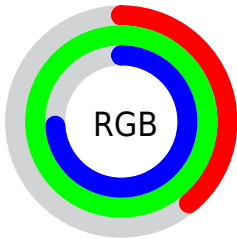
Format	Color
RYB	100, 199, 255
Decimal	6619068
CIELab	90.72, -56.11, 20.06
CIELCh	91, 59.584, 160.330
Yxy	77.8602, 0.2666, 0.4143
Android (android.graphics.Color)	4284809148 (0xFF64FFBC)
YUV	201.0170, -6.4174, -88.5919
Hunter-Lab	88.2384, -53.0834, 21.4744

Details

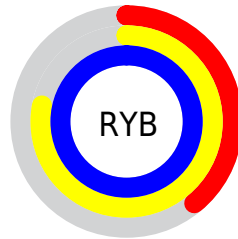
The YUV color **201.0170, -6.4174, -88.5919** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **153.9830, 6.4174, 88.5919**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.2380, 8.7567, -55.4597**, and **131.6270, 1.6629, -113.6829** is the 20% darker color. If you saturate the color by 10%, you get **192.2880, -7.5370, -102.8616**, and if you desaturate by 10%, it is **209.7460, -5.2978, -74.3222**.

Distribution



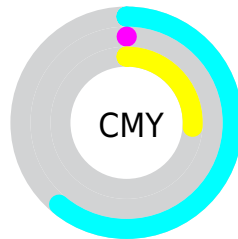
- Red (39%)
- Green (100%)
- Blue (74%)



- Red (39%)
- Yellow (78%)
- Blue (100%)



- Cyan (61%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)



- Cyan (61%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YUV color 201.0170, -6.4174, -88.5919 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 201.0170, -6.4174, -88.5919 by changing the saturation by 10% instead.


 201.0170, -6.4174,
-88.5919


 201.0170, -6.4174,
-88.5919

255.0000, 0.0000,
0.0000


 170.1520, -4.5119,
-93.0953


 226.2380, 8.7567,
-55.4597

 131.6270, 1.6629,
-113.6829


 236.7610, 8.9918,
-37.5014

 111.6290, -1.2961,
-97.8986

 245.7310, 4.5696,
-19.0581

 92.9300, -4.4025,
-81.4996

 74.4590, -6.6353,
-65.3005

 57.1620, -9.4469,
-50.1311

 40.0930, -11.3848,

-35.1616

■ 24.6540, -12.1544,
-21.6216

■ 2.9350, -1.4470,
-2.5740

■ 201.0170, -6.4174,
-88.5919

■ 201.0170, -6.4174,
-88.5919

■ 192.2880, -7.5370,
-102.8616

■ 209.7460, -5.2978,
-74.3222

■ 183.2600, -8.5092,
-117.7460

■ 218.7740, -4.3256,
-59.4378

■ 174.5310, -9.6288,
-132.0157

■ 227.8020, -3.3534,
-44.5534

■ 166.2150,
-10.4590, -145.7706

■ 236.5310, -2.2338,
-30.2837

■ 245.2600, -1.1142,
-16.0140

■ 254.2880, -0.1420,
-1.1296

■ 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.



214.5520, -37.7401, -28.5481



201.0170, -6.4174, -88.5919



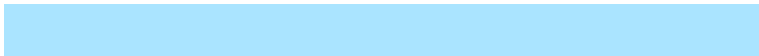
177.8430, 34.0944, -155.9683

Triad

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



201.0170, -6.4174, -88.5919



213.7360, 20.3432, -38.3565



206.8470, -24.5746, 42.2302

Complementary

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



201.0170, -6.4174, -88.5919



153.9830, 6.4174, 88.5919

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.



206.5460, 2.1958, 42.4942



201.0170, -6.4174, -88.5919



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.



201.0170, -6.4174, -88.5919



172.8850, 40.4827, -151.6201



215.0840, 19.6786, 35.0063



214.3690, -46.5239, 35.6334

Rectangle

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



201.0170, -6.4174, -88.5919



178.7550, 37.5888, -156.7681



215.0840, 19.6786, 35.0063



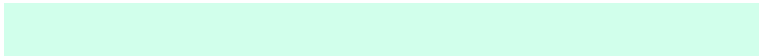
205.8500, -15.7020, 43.1046

Sweetspot

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



201.0170, -6.4174, -88.5919



238.9660, -1.9552, -26.2802



211.0180, -54.7319, -38.6038



117.8470, -1.4036, -16.5288



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.



201.0170, -6.4174, -88.5919



190.2660, -7.5261, -106.3503



202.7850, 25.7420, -90.1424



123.4290, -0.7045, -7.3922



124.5430, -7.6627, -109.2242



41.6720, -2.7963, -36.5463

Inverse Universe

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



153.9830, 6.4174, 88.5919



133.7340, 7.5261, 106.3503



152.2150, -25.7420, 90.1424



119.4570, 0.2677, 7.4922



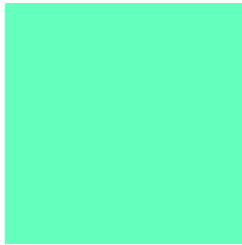
66.5710, 8.0995, 109.1242



22.3280, 2.7963, 36.5463

Previews

White Background



This preview shows how the YUV color 201.0170, -6.4174, -88.5919 looks on a white background.

Color Contrast Check

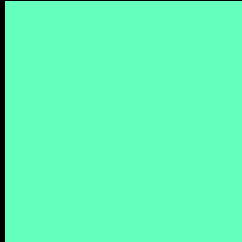
Large Text (above 18pt) WCAG AA × Fail

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 201.0170, -6.4174, -88.5919 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 201.0170, -6.4174, -88.5919

Background



This preview shows how black text looks on a background with the YUV color 201.0170, -6.4174, -88.5919.



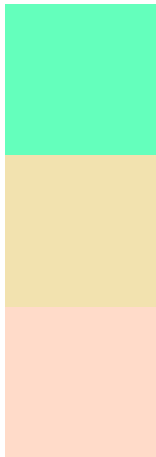
This preview shows how white text looks on a background with the YUV color 201.0170, -6.4174,

-88.5919.

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

201.0170, -6.4174, -88.5919

Protanopia

224.9700, -24.6352, 14.9353

Deuteranopia

227.7120, -13.1690, 23.9316



Tritanopia

218.0890, 18.1971, -50.0671

Trichromacy



Original Color

201.0170, -6.4174, -88.5919



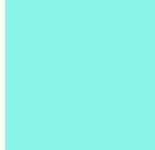
Protanomaly

216.4490, -17.9694, -23.1958



Deuteranomaly

218.0290, -10.8603, -16.6884



Tritanomaly

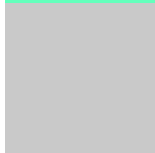
211.7100, 9.5100, -63.7667

Monochromacy



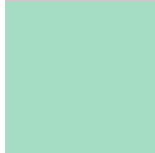
Original Color

201.0170, -6.4174, -88.5919



Achromatopsia

201.0000, 0.0000, 0.0000



Achromatomaly

201.1070, -2.5178, -32.5428

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.0170, -6.4174, -88.5919 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(100, 255, 188)` looks like.

```
.text, #text, p{  
    color:rgb(100, 255, 188)  
}
```

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(100, 255, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 255, 188) }
```

Border

The CSS property to change the border of an element to YUV 201.0170, -6.4174, -88.5919 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(100, 255, 188) }
```


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

```
.border{ border-color:rgb(100, 255, 188) }
```

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

Here you see how a box with a 4 pixel rgb(100, 255, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 255, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 255, 188);  
box-shadow:4px 4px 4px 4px rgb(100, 255,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 201.0170, -6.4174, -88.5919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 255, 188) }
```

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

```
.background{ background-color: rgb(100,  
255, 188) }
```

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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