

Converting Colors

YUV(199.9800, -6.8921,
-76.2815)

Have a look what the booklet for
YUV(199.9800, -6.8921, -76.2815)
contains.

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Color

**YUV(199.9800, -6.8921,
-76.2815)**

Conversions

Conversions Part 1

Format	Color
Hex	71F7BA
RGB	113, 247, 186
RGB Percent	44%, 97%, 73%
CMY	0.5569, 0.0314, 0.2706
CMYK	0.54, 0.00, 0.25, 0.03
HSL	153°, 89%, 71%
HSV	153°, 54%, 97%
XYZ	48.9337, 73.5774, 58.0772
YIQ	199.9800, -60.2830, -47.3790

Conversions

Conversions Part 2

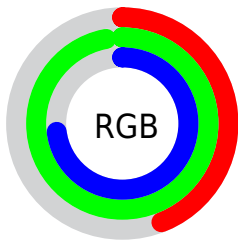
Format	Color
RYB	113, 200, 247
Decimal	7468986
CIELab	88.72, -50.65, 18.36
CIElCh	89, 53.876, 160.078
Yxy	73.5774, 0.2710, 0.4074
Android (android.graphics.Color)	4285659066 (0xFF71F7BA)
YUV	199.9800, -6.8921, -76.2815
Hunter-Lab	85.7773, -48.2805, 19.9007

Details

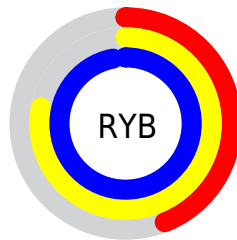
The YUV color **199.9800, -6.8921, -76.2815** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **160.0200, 6.8921, 76.2815**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.0000, 6.4090, -49.1120**, and **140.1470, -3.5235, -83.4439** is the 20% darker color. If you saturate the color by 10%, you get **191.2510, -8.0117, -90.5511**, and if you desaturate by 10%, it is **208.7090, -5.7725, -62.0118**.

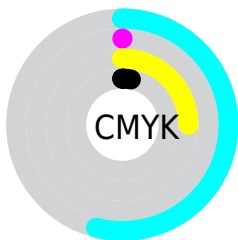
Distribution



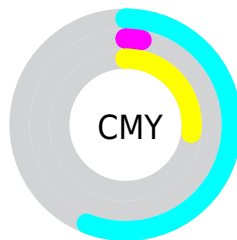
- Red (44%)
- Green (97%)
- Blue (73%)



- Red (44%)
- Yellow (78%)
- Blue (97%)



- Cyan (54%)
- Magenta (0%)
- Yellow (25%)
- Black (3%)




- Cyan (56%)
- Magenta (3%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YUV color 199.9800, -6.8921, -76.2815 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 199.9800, -6.8921, -76.2815 by changing the saturation by 10% instead.


 199.9800, -6.8921,
-76.2815

 199.9800, -6.8921,
-76.2815


255.0000, 0.0000,
0.0000


 170.6100, -5.7237,
-77.7110


 229.0000, 6.4090,
-49.1120


 140.1470, -3.5235,
-83.4439


 239.4520, 7.6652,
-31.9684

 107.2920, -0.1440,
-94.0951

 248.4220, 3.2430,
-13.5251

 88.7070, -2.8136,
-77.7960

 70.7090, -5.7725,
-62.0118

 52.9390, -7.8579,
-46.4275

 36.4570, -10.0853,

-31.9728

■ 21.7190, -10.7075,
-19.0476

■ 0.0000, 0.0000,
0.0000

■ 199.9800, -6.8921,
-76.2815

■ 199.9800, -6.8921,
-76.2815

■ 191.2510, -8.0117,
-90.5511

■ 208.7090, -5.7725,
-62.0118

■ 182.8210, -9.2788,
-104.2060


■ 217.1390, -4.5055,
-48.3569

■ 173.9780,
-10.8352, -118.3757


■ 225.9820, -2.9491,
-34.1872

■ 165.2490,
-11.9548, -132.6454

■ 234.7110, -1.8295,
-19.9175

 160.3790,
-12.5118, -140.6524

 243.4400, -0.7099,
-5.6479

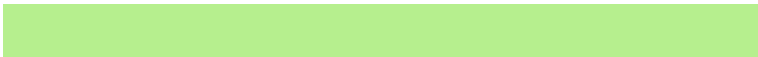
 250.0760, 1.4415,
4.3183

 250.3040, 2.3151,
4.1184

Harmonies

Analogous

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



210.8990, -33.9672, -25.3444



199.9800, -6.8921, -76.2815



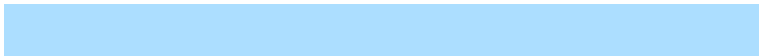
173.9960, 32.0470, -152.5945

Triad

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



199.9800, -6.8921, -76.2815



210.8120, 21.7847, -34.0381



205.9010, -23.1222, 43.0598

Complementary

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



199.9800, -6.8921, -76.2815



160.0200, 6.8921, 76.2815

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.



206.0900, 0.4486, 42.8941



199.9800, -6.8921, -76.2815



222.9810, 15.7854, 23.6957

Square

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



199.9800, -6.8921, -76.2815



183.4270, 35.2855, -117.8925



214.4970, 19.9680, 35.5211



212.7050, -42.7456, 37.0927

Rectangle

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



199.9800, -6.8921, -76.2815



174.6460, 39.6145, -153.1645



214.4970, 19.9680, 35.5211



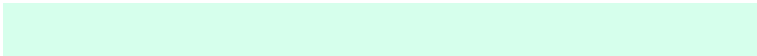
205.2630, -15.4127, 43.6193

Sweetspot

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



199.9800, -6.8921, -76.2815



240.5750, -2.2555, -23.3063



210.4950, -48.0650, -30.2521



119.1570, -1.5564, -14.1697



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.



199.9800, -6.8921, -76.2815



196.8160, -8.2903, -94.5546



204.5860, 20.9101, -80.3209



117.8420, -0.4151, -6.8774



120.6960, -9.7101, -105.8504



38.2810, -3.0965, -33.5724

Inverse Universe

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



160.0200, 6.8921, 76.2815



147.2980, 8.7271, 94.4547



155.4140, -20.9101, 80.3209



114.2720, 0.8519, 6.7775



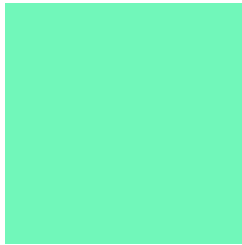
65.3040, 9.7101, 105.8504



20.7190, 3.0965, 33.5724

Previews

White Background



This preview shows how the YUV color 199.9800, -6.8921, -76.2815 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 199.9800, -6.8921, -76.2815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

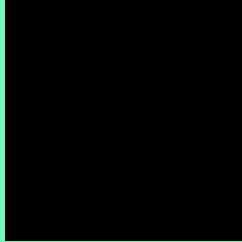
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.9800, -6.8921, -76.2815

Background



This preview shows how black text looks on a background with the YUV color 199.9800, -6.8921, -76.2815.



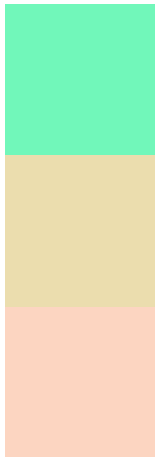
This preview shows how white text looks on a background with the YUV color 199.9800, -6.8921, -76.2815.

-76.2815.

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

199.9800, -6.8921, -76.2815

Protanopia

219.8280, -22.5932, 13.3058

Deuteranopia

222.3810, -14.4848, 25.9759



Tritanopia

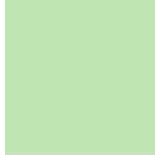
210.3480, 22.0134, -60.8182

Trichromacy



Original Color

199.9800, -6.8921, -76.2815



Protanomaly

212.4110, -16.9646, -18.7774



Deuteranomaly

213.8340, -11.7502, -11.2554



Tritanomaly

206.8560, 11.4100, -66.5257

Monochromacy



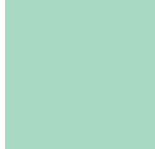
Original Color

199.9800, -6.8921, -76.2815



Achromatopsia

200.0000, 0.0000, 0.0000



Achromatomaly

199.8410, -2.3866, -27.9246

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.9800, -6.8921, -76.2815 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(113, 247, 186)` looks like.

```
.text, #text, p{  
    color:rgb(113, 247, 186)  
}
```

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(113, 247, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 247, 186) }
```

Border

The CSS property to change the border of an element to YUV 199.9800, -6.8921, -76.2815 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(113, 247, 186) }
```


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

```
.border{ border-color:rgb(113, 247, 186) }
```

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

Here you see how a box with a 4 pixel rgb(113, 247, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 247, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 247, 186);  
box-shadow:4px 4px 4px 4px rgb(113, 247,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 199.9800, -6.8921, -76.2815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 247, 186) }
```

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

```
.background{ background-color: rgb(113,  
247, 186) }
```

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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