

Converting Colors

YUV(201.9760, 26.1408,
-78.0320)

Have a look what the booklet for
YUV(201.9760, 26.1408, -78.0320)
contains.

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Color

**YUV(201.9760, 26.1408,
-78.0320)**

Conversions

Conversions Part 1

Format	Color
Hex	71EDFF
RGB	113, 237, 255
RGB Percent	44%, 93%, 100%
CMY	0.5569, 0.0706, 0.0000
CMYK	0.56, 0.07, 0.00, 0.00
HSL	188°, 100%, 72%
HSV	188°, 56%, 100%
XYZ	55.1442, 71.2991, 105.4634
YIQ	201.9760, -79.6820, -20.6900

Conversions

Conversions Part 2

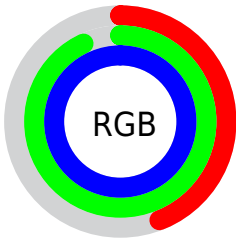
Format	Color
R _Y B	113, 179, 255
Decimal	7466495
CIE Lab	87.63, -29.66, -19.21
CIE LCh	88, 35.339, 212.931
Yxy	71.2991, 0.2378, 0.3074
Android (android.graphics.Color)	4285656575 (0xFF71EDFF)
YUV	201.9760, 26.1408, -78.0320
Hunter-Lab	84.4388, -31.1953, -14.9456

Details

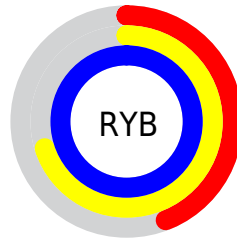
The YUV color **201.9760, 26.1408, -78.0320** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **166.0240, -26.1408, 78.0320**, and the grayscale version is **202.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.0800, 11.7926, -49.1822**, and **140.4800, 28.3574, -88.9980** is the 20% darker color. If you saturate the color by 10%, you get **192.7400, 30.6942, -91.8570**, and if you desaturate by 10%, it is **211.5110, 21.4401, -63.5921**.

Distribution



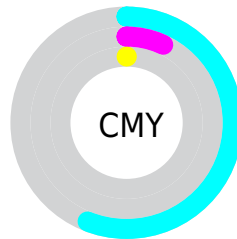
- Red (44%)
- Green (93%)
- Blue (100%)



- Red (44%)
- Yellow (70%)
- Blue (100%)



- Cyan (56%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.9760, 26.1408, -78.0320 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 201.9760, 26.1408, -78.0320 by changing the saturation by 10% instead.

201.9760, 26.1408,
-78.0320

201.9760, 26.1408,
-78.0320

255.0000, 0.0000,
0.0000

172.3670, 26.4411,
-81.0059

231.0800, 11.7926,
-49.1822

140.4800, 28.3574,
-88.9980

240.0500, 7.3704,
-30.7388

109.8920, 30.1262,
-96.3753

249.3190, 2.8007,
-11.6808

90.9650, 26.1463,
-79.7763

73.4400, 22.4611,
-64.4069

56.5020, 18.4865,
-49.5523

39.6780, 14.9487,

-34.7976

■ 25.4300, 11.1270,
-22.3021

■ 3.6650, 11.5042,
-3.2142

■ 201.9760, 26.1408,
-78.0320

■ 201.9760, 26.1408,
-78.0320

■ 192.7400, 30.6942,
-91.8570

■ 211.5110, 21.4401,
-63.5921

■ 183.2050, 35.3949,
-106.2968

■ 220.7470, 16.8867,
-49.7671

■ 173.0830, 40.3851,
-120.2218

■ 230.8690, 11.8966,
-35.8421

■ 163.8470, 44.9384,
-134.0468

■ 240.1050, 7.3432,
-22.0171

■ 159.9710, 46.8493,
-140.2946

■ 249.6400, 2.6425,
-7.5773

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.



203.5850, 9.0786, -65.4110



201.9760, 26.1408, -78.0320



205.0320, 24.6342, -61.4181

Triad

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



201.9760, 26.1408, -78.0320



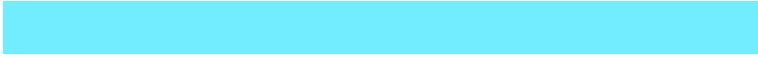
221.6720, 14.4587, 29.2287



217.6410, -32.3610, 19.6088

Complementary

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



201.9760, 26.1408, -78.0320



166.0240, -26.1408, 78.0320

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.



216.1080, -27.1682, 34.1083



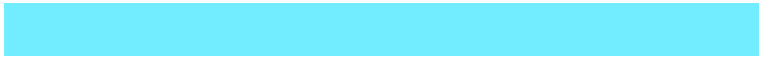
201.9760, 26.1408, -78.0320



215.5620, 1.2019, 34.5871

Square

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



201.9760, 26.1408, -78.0320



220.8110, 16.8552, 7.1818



213.5610, -14.0806, 36.3420



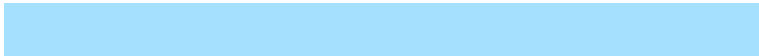
213.8870, -25.5803, -8.6709

Rectangle

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



201.9760, 26.1408, -78.0320



210.4800, 21.9484, -39.8860



213.5610, -14.0806, 36.3420



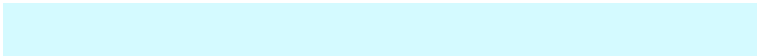
218.6960, -32.3881, 28.3306

Sweetspot

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



201.9760, 26.1408, -78.0320



239.2080, 7.7855, -23.8614



198.2920, -33.6680, -74.8011



117.8780, 4.9901, -13.9250



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

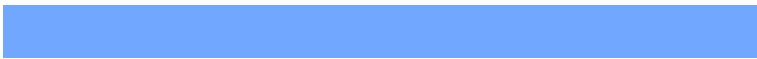
The Same Dimension uses a secret algorithm to generate beautiful new colors.



201.9760, 26.1408, -78.0320



190.9570, 31.5732, -93.8013



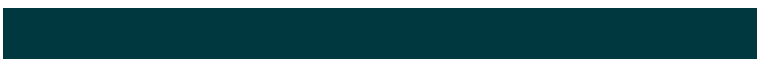
160.8860, 46.3982, -41.9960



122.9390, 2.4951, -6.9625



119.8030, 35.1001, -105.0672



40.1680, 11.7492, -35.2273

Inverse Universe

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



169.5940, 33.2312, 74.9011



152.1150, 39.8763, 90.2301



207.1140, -46.3982, 41.9960



120.1410, 2.8885, 6.8923



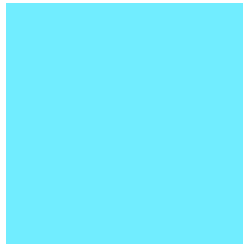
76.1470, 44.7905, 100.7261



25.5200, 15.0266, 33.7470

Previews

White Background



This preview shows how the YUV color 201.9760, 26.1408, -78.0320 looks on a white background.

Color Contrast Check

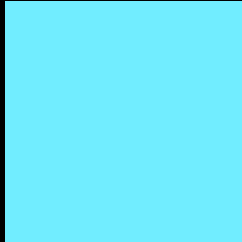
Large Text (above 18pt) WCAG AA × Fail

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 201.9760, 26.1408, -78.0320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

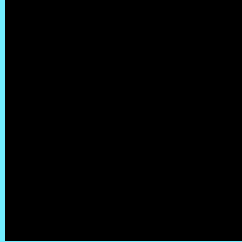
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 201.9760, 26.1408, -78.0320

Background



This preview shows how black text looks on a background with the YUV color 201.9760, 26.1408, -78.0320.



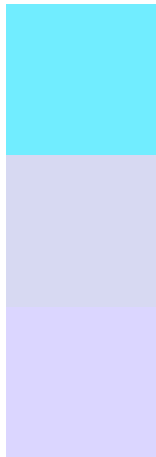
This preview shows how white text looks on a background with the YUV color 201.9760, 26.1408, -78.0320.

-78.0320.

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

201.9760, 26.1408, -78.0320

Protanopia

219.2520, 11.2148, -3.7290

Deuteranopia

220.1690, 17.1717, -1.0252



Tritanopia

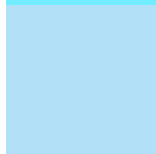
202.8840, 25.6932, -74.4433

Trichromacy



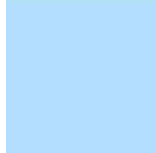
Original Color

201.9760, 26.1408, -78.0320



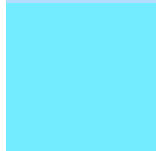
Protanomaly

212.8680, 16.8271, -30.5792



Deuteranomaly

213.2040, 20.6054, -29.1199



Tritanomaly

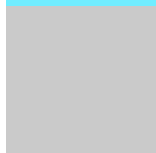
202.2860, 25.9880, -75.6728

Monochromacy



Original Color

201.9760, 26.1408, -78.0320



Achromatopsia

202.0000, 0.0000, 0.0000



Achromatomaly

202.2290, 9.2541, -28.2648

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.9760, 26.1408, -78.0320 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, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(113, 237, 255)  
}
```

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, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 237, 255) }
```

Border

The CSS property to change the border of an element to YUV 201.9760, 26.1408, -78.0320 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, 237, 255) }
```


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

```
.border{ border-color:rgb(113, 237, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 237, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 237, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 237, 255);  
box-shadow:4px 4px 4px 4px rgb(113, 237,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 201.9760, 26.1408, -78.0320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 237, 255) }
```

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

```
.background{ background-color: rgb(113,  
237, 255) }
```

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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