

Converting Colors

YUV(21.6800, 11.9898,
-19.0134)

Have a look what the booklet for
YUV(21.6800, 11.9898, -19.0134)
contains.

YUV(21.6800, 11.9898, -19.0134)	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>	30

Color

**YUV(21.6800, 11.9898,
-19.0134)**

Conversions

Conversions Part 1

Format	Color
Hex	001C2E
RGB	0, 28, 46
RGB Percent	0%, 11%, 18%
CMY	1.0000, 0.8902, 0.8196
CMYK	1.00, 0.39, 0.00, 0.82
HSL	203°, 100%, 9%
HSV	203°, 100%, 18%
XYZ	0.9084, 1.0278, 2.7353
YIQ	21.6800, -22.4660, -0.3380

Conversions

Conversions Part 2

Format	Color
RYB	0, 17, 46
Decimal	7214
CIELab	9.22, -2.60, -15.09
CIELCh	9, 15.313, 260.219
Yxy	1.0278, 0.1945, 0.2200
Android (android.graphics.Color)	4278197294 (0xFF001C2E)
YUV	21.6800, 11.9898, -19.0134
Hunter-Lab	10.1379, -1.7469, -8.9003

Details

The YUV color **21.6800, 11.9898, -19.0134** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **24.3200, -11.9898, 19.0134**, and the grayscale version is **22.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **66.5170, 12.5631, -16.2394**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **21.6800, 11.9898, -19.0134**, and if you desaturate by 10%, it is **24.3490, 10.6739, -16.9691**.

Distribution



- Red (0%)
- Green (11%)
- Blue (18%)



- Red (0%)
- Yellow (7%)
- Blue (18%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (82%)



- Cyan (100%)
- Magenta (89%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.6800, 11.9898, -19.0134 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 21.6800, 11.9898, -19.0134 by changing the saturation by 10% instead.

■ 21.6800, 11.9898,
-19.0134

■ 21.6800, 11.9898,
-19.0134

■ 247.8240, 3.5378,
-14.7546

■ 3.5510, 11.0674,
-3.1142

■ 66.5170, 12.5631,
-16.2394

■ 0.0000, 0.0000,
0.0000

■ 90.6310, 12.9999,
-16.3394

■ 115.0440, 13.2893,
-15.8246

■ 140.8590, 13.8735,
-16.5393

■ 167.5600, 14.0209,
-17.1541

■ 194.6740, 14.4577,

-17.2541

■ 222.7880, 14.8945,
-17.3541

■ 21.6800, 11.9898,
-19.0134

■ 24.3490, 10.6739,
-16.9691

■ 26.7190, 9.5055,
-15.5396

■ 28.8010, 8.4791,
-12.9805

■ 31.1710, 7.3107,
-11.5510

■ 33.8400, 5.9949,
-9.5067

■ 36.5090, 4.6791,
-7.4624

■ 38.8790, 3.5107,
-6.0329

■ 40.9610, 2.4842,
-3.4738

■ 43.3310, 1.3158,
-2.0443

Harmonies

Analogous

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



22.2840, 9.2270, -19.5431



21.6800, 11.9898, -19.0134



26.0840, 9.3256, -4.4587

Triad

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



21.6800, 11.9898, -19.0134



26.1870, -3.5432, 16.4990



22.8220, -6.8142, -7.7369

Complementary

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



21.6800, 11.9898, -19.0134



24.3200, -11.9898, 19.0134

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.



23.9220, -11.7935, 2.6994



21.6800, 11.9898, -19.0134



25.1670, -9.9423, 15.6395

Square

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



21.6800, 11.9898, -19.0134



26.8430, 1.5564, 14.1697



24.8520, -12.2520, 9.7768



20.7050, 0.6384, -18.1583

Rectangle

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



21.6800, 11.9898, -19.0134



26.9710, 7.4093, 3.5334



24.8520, -12.2520, 9.7768



23.2740, -9.0091, -3.7483

Sweetspot

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



21.6800, 11.9898, -19.0134



49.5090, 4.6791, -7.4624



29.0540, -5.4496, -25.4804



24.7760, 3.0684, -4.1886



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



21.6800, 11.9898, -19.0134



27.8580, 15.3530, -24.4315



8.1790, 18.6458, -7.1730



21.8150, 0.5842, -0.7148



41.0290, 22.6637, -35.9824



100.7060, 55.8539, -88.3192

Inverse Universe

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



16.9460, 5.4496, 25.4804



21.7450, 7.0277, 32.6726



37.8210, -18.6458, 7.1730



21.7120, 0.1420, 1.1296



32.0550, 10.3259, 48.1868



78.8060, 25.2386, 118.5651

Previews

White Background



This preview shows how the YUV color 21.6800, 11.9898, -19.0134 looks on a white background.

Color Contrast Check

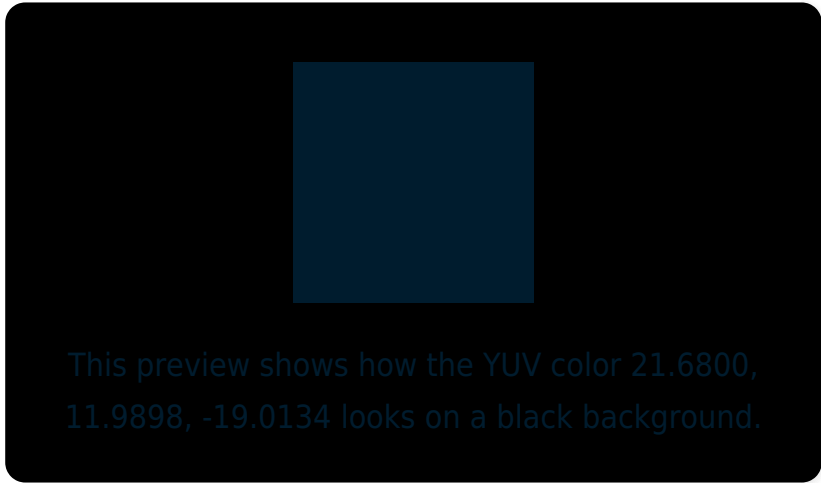
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

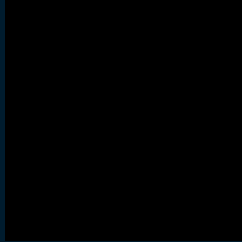
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 21.6800, 11.9898, -19.0134 Background



This preview shows how black text looks on a background with the YUV color 21.6800, 11.9898, -19.0134.



This preview shows how white text looks on a background with the YUV color 21.6800, 11.9898,

-19.0134.

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



Protanopia

26.2580, 8.7468, -5.4883

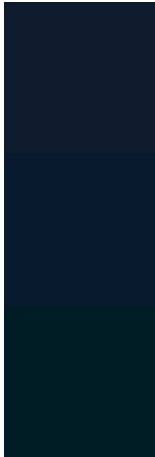
Deuteranopia

24.9800, 10.3629, -10.5065

Tritanopia

21.2580, 5.2958, -18.6433

Trichromacy



Protanomaly

24.8660, 9.9261, -10.4065

Deuteranomaly

23.4850, 11.0999, -13.5803

Tritanomaly

21.2410, 7.7692, -18.6284

Monochromacy



Achromatopsia

22.0000, 0.0000, 0.0000

Achromatomaly

21.8080, 4.5317, -6.8476

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.6800, 11.9898, -19.0134 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(0, 28, 46)` looks like.

```
.text, #text, p{  
    color:rgb(0, 28, 46)  
}
```

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(0, 28, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 28, 46) }
```

Border

The CSS property to change the border of an element to YUV 21.6800, 11.9898, -19.0134 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(0, 28, 46) }
```

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

```
.border{ border-color:rgb(0, 28, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 28, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 28, 46); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 28, 46); box-shadow:4px  
4px 4px 4px rgb(0, 28, 46) }
```


Background

The CSS property to change the background color of an element to YUV 21.6800, 11.9898, -19.0134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 28, 46) }
```

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

```
.background{ background-color: rgb(0, 28,  
46) }
```

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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