

Converting Colors

YUV(41.7000, 18.3889,
-18.1539)

Have a look what the booklet for
YUV(41.7000, 18.3889, -18.1539)
contains.

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Color

**YUV(41.7000, 18.3889,
-18.1539)**

Conversions

Conversions Part 1

Format	Color
Hex	152D4F
RGB	21, 45, 79
RGB Percent	8%, 18%, 31%
CMY	0.9176, 0.8235, 0.6902
CMYK	0.73, 0.43, 0.00, 0.69
HSL	215°, 58%, 20%
HSV	215°, 73%, 31%
XYZ	2.6589, 2.6007, 7.7590
YIQ	41.7000, -25.2180, 5.4860

Conversions

Conversions Part 2

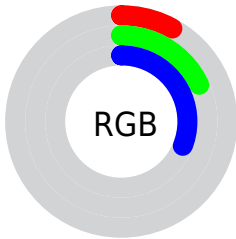
Format	Color
RYB	21, 38, 79
Decimal	1387855
CIELab	18.37, 3.65, -23.66
CIELCh	18, 23.941, 278.759
Yxy	2.6007, 0.2042, 0.1998
Android (android.graphics.Color)	4279577935 (0xFF152D4F)
YUV	41.7000, 18.3889, -18.1539
Hunter-Lab	16.1267, 1.2088, -17.2372

Details

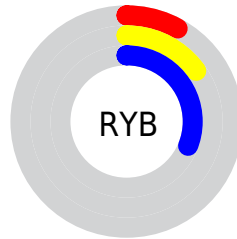
The YUV color **41.7000, 18.3889, -18.1539** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **58.3000, -18.3889, 18.1539**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.9500, 19.2516, -14.8652**, and **5.0500, 14.2723, -4.4289** is the 20% darker color. If you saturate the color by 10%, you get **36.3730, 21.0151, -20.4981**, and if you desaturate by 10%, it is **47.0270, 15.7627, -15.8097**.

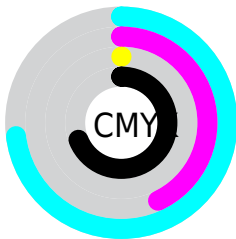
Distribution



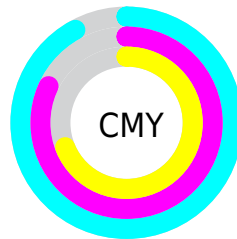
- Red (8%)
- Green (18%)
- Blue (31%)



- Red (8%)
- Yellow (15%)
- Blue (31%)



- Cyan (73%)
- Magenta (43%)
- Yellow (0%)
- Black (69%)



- Cyan (92%)
- Magenta (82%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.7000, 18.3889, -18.1539 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 41.7000, 18.3889, -18.1539 by changing the saturation by 10% instead.

■ 41.7000, 18.3889,
-18.1539

■ 41.7000, 18.3889,
-18.1539

■ 255.0000, 0.0000,
0.0000

■ 21.0590, 17.2259,
-18.4687

■ 88.9500, 19.2516,
-14.8652

■ 5.0500, 14.2723,
-4.4289

■ 114.1780, 20.1252,
-15.0651

■ 1.0260, 3.9312,
-0.8998

■ 139.5910, 20.4146,
-14.5503

■ 0.0000, 0.0000,
0.0000

■ 166.4060, 20.9988,
-15.2651

■ 193.5200, 21.4356,
-15.3650

■ 219.7930, 17.3571,

-13.8505

■ 245.4870, 4.6899,
-10.9511

■ 41.7000, 18.3889,
-18.1539

■ 41.7000, 18.3889,
-18.1539

■ 36.3730, 21.0151,
-20.4981

■ 47.0270, 15.7627,
-15.8097

■ 31.6330, 23.3519,
-23.3571

■ 51.7670, 13.4259,
-12.9507

■ 28.3770, 24.9571,
-24.8866

■ 57.0940, 10.7997,
-10.6064

■ 62.4210, 8.1734,
-8.2622

■ 66.8620, 5.9840,
-6.0180

■ 72.1890, 3.3578,
-3.6738

■ 76.9290, 1.0210,
-0.8147

■ 82.2560, -1.6052,
1.5295

■ 87.5830, -4.2314,
3.8737

Harmonies

Analogous

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



38.1280, 19.1639, -33.4383



41.7000, 18.3889, -18.1539



46.0620, 12.7874, 5.2076

Triad

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



41.7000, 18.3889, -18.1539



44.2330, -9.9749, 26.1057



34.4710, -1.2182, -29.3541

Complementary

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



41.7000, 18.3889, -18.1539



58.3000, -18.3889, 18.1539

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.



40.4430, -12.0504, -8.2815



41.7000, 18.3889, -18.1539



43.2830, -15.9155, 18.1688

Square

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



41.7000, 18.3889, -18.1539



44.6060, -2.2708, 28.4095



42.6360, -18.0615, 6.4582



36.8110, 6.5022, -32.2832

Rectangle

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



41.7000, 18.3889, -18.1539



45.9880, 8.3869, 16.6735



42.6360, -18.0615, 6.4582



37.6740, -5.7553, -20.7621

Sweetspot

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



41.7000, 18.3889, -18.1539



87.7910, 7.0050, -6.8327



58.9220, -1.9335, -33.2576



42.4170, 4.2314, -3.8737



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



41.7000, 18.3889, -18.1539



43.9790, 28.6044, -28.0456



29.1070, 24.5972, -2.7248



35.6300, 1.1684, -1.4295



36.2820, 32.3990, -31.8193



81.9850, 72.9714, -71.9008

Inverse Universe

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



41.0780, 1.9335, 33.2576



43.1280, 2.8949, 51.6307



70.8930, -24.5972, 2.7248



35.4240, 0.2840, 2.2592



35.2860, 3.3100, 58.5082



79.6000, 7.5922, 131.9008

Previews

White Background



This preview shows how the YUV color 41.7000, 18.3889, -18.1539 looks on a white background.

Color Contrast Check

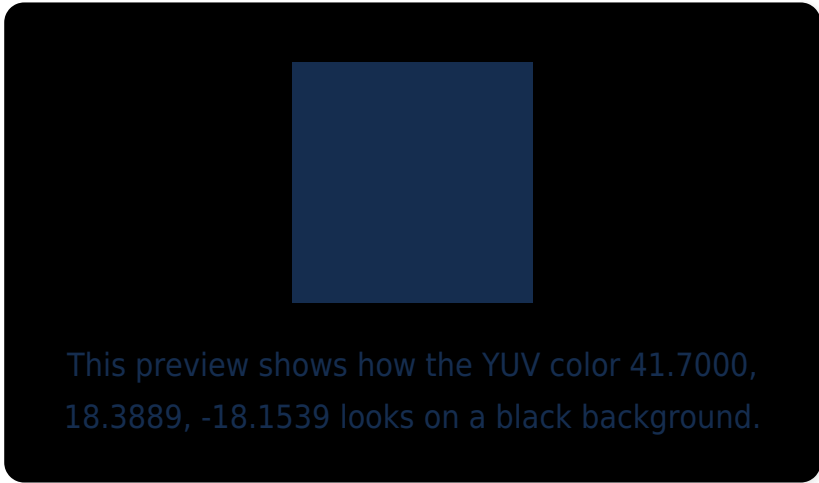
Large Text (above 18pt) WCAG AA ✓ Pass

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

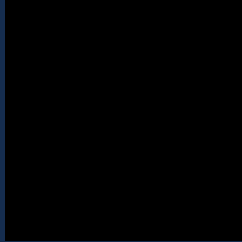
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.7000, 18.3889, -18.1539

Background



This preview shows how black text looks on a background with the YUV color 41.7000, 18.3889, -18.1539.



This preview shows how white text looks on a background with the YUV color 41.7000, 18.3889,

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

41.7000, 18.3889, -18.1539

Protanopia

43.6900, 16.9148, -12.0061

Deuteranopia

40.7920, 18.8365, -21.7426



Tritanopia

35.5060, 9.1175, -31.1388

Trichromacy



Original Color

41.7000, 18.3889, -18.1539

Protanomaly

42.7930, 17.3571, -13.8505

Deuteranomaly

41.3900, 18.5417, -20.5130

Tritanomaly

37.7500, 12.4482, -26.0907

Monochromacy



Original Color

41.7000, 18.3889, -18.1539

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.6770, 6.5682, -6.7327

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.7000, 18.3889, -18.1539 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(21, 45, 79)` looks like.

```
.text, #text, p{  
    color:rgb(21, 45, 79)  
}
```

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(21, 45, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 45, 79) }
```

Border

The CSS property to change the border of an element to YUV 41.7000, 18.3889, -18.1539 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(21, 45, 79) }
```


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

```
.border{ border-color:rgb(21, 45, 79) }
```

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

Here you see how a box with a 4 pixel rgb(21, 45, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 45, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 45, 79);  
box-shadow:4px 4px 4px 4px rgb(21, 45, 79)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.7000, 18.3889, -18.1539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 45, 79) }
```

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

```
.background{ background-color: rgb(21, 45,  
79) }
```

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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