

Converting Colors

YUV(101.5320, 16.4997,
-18.8836)

Have a look what the booklet for
YUV(101.5320, 16.4997, -18.8836)
contains.

YUV(101.5320, 16.4997, -18.8836)	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>	31

Color

**YUV(101.5320, 16.4997,
-18.8836)**

Conversions

Conversions Part 1

Format	Color
Hex	506A87
RGB	80, 106, 135
RGB Percent	31%, 42%, 53%
CMY	0.6863, 0.5843, 0.4706
CMYK	0.41, 0.21, 0.00, 0.47
HSL	212°, 26%, 42%
HSV	212°, 41%, 53%
XYZ	12.8355, 13.7628, 24.9017
YIQ	101.5320, -24.8050, 3.5070

Conversions

Conversions Part 2

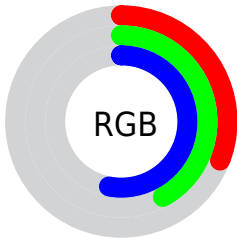
Format	Color
R_{YB}	80, 98, 135
Decimal	5270151
CIE _{Lab}	43.89, -1.63, -19.05
CIE _{LCh}	44, 19.117, 265.120
Yxy	13.7628, 0.2492, 0.2672
Android (android.graphics.Color)	4283460231 (0xFF506A87)
YUV	101.5320, 16.4997, -18.8836
Hunter-Lab	37.0983, -3.1635, -13.8287

Details

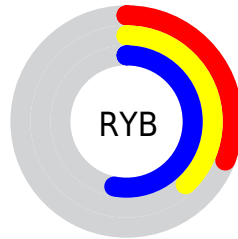
The YUV color **101.5320, 16.4997, -18.8836** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **113.4680, -16.4997, 18.8836**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.7600, 17.3733, -19.0835**, and **53.2930, 15.6316, -20.4280** is the 20% darker color. If you saturate the color by 10%, you get **93.2370, 20.5892, -23.8868**, and if you desaturate by 10%, it is **109.8270, 12.4103, -13.8803**.

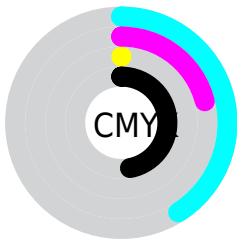
Distribution



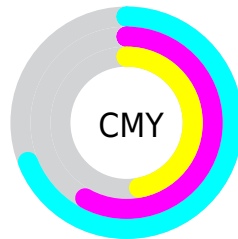
- Red (31%)
- Green (42%)
- Blue (53%)



- Red (31%)
- Yellow (38%)
- Blue (53%)



- Cyan (41%)
- Magenta (21%)
- Yellow (0%)
- Black (47%)



- Cyan (69%)
- Magenta (58%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.5320, 16.4997, -18.8836 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 101.5320, 16.4997, -18.8836 by changing the saturation by 10% instead.

■ 101.5320, 16.4997,
-18.8836

■ 101.5320, 16.4997,
-18.8836

■ 255.0000, 0.0000,
0.0000

■ 77.1190, 16.2103,
-19.3984

■ 152.7600, 17.3733,
-19.0835

■ 53.2930, 15.6316,
-20.4280

■ 179.8740, 17.8101,
-19.1835

■ 29.3850, 16.0792,
-24.0166

■ 207.9880, 18.2469,
-19.2835

■ 13.9520, 12.8417,
-12.2359

■ 233.9360, 10.3846,
-17.4839

■ 2.7530, 8.0098,
-2.4144

■ 251.1130, 1.9163,
-7.9921

■ 0.0000, 0.0000,
0.0000

■ 101.5320, 16.4997,
-18.8836

■ 101.5320, 16.4997,
-18.8836

■ 93.2370, 20.5892,
-23.8868

■ 109.8270, 12.4103,
-13.8803

■ 85.2410, 24.5312,
-28.2754

■ 117.8230, 8.4683,
-9.4918

■ 76.9460, 28.6206,
-33.2786

■ 125.8190, 4.5262,
-5.1033

■ 68.9500, 32.5627,
-37.6671

■ 134.1140, 0.4368,
-0.1000

■ 60.0680, 36.9415,
-42.1556

■ 142.6970, -3.7946,
3.7737


■ 52.9580, 40.4467,
-46.4442

■ 150.9920, -7.8841,
8.7770

■ 159.2870,
-11.9735, 13.7803

■ 167.2830,

-15.9155, 18.1688

 175.5780,
-20.0050, 23.1721

Harmonies

Analogous

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



97.5150, 15.5221, -32.0237



101.5320, 16.4997, -18.8836



105.1320, 13.2459, -1.8698

Triad

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



101.5320, 16.4997, -18.8836



105.6290, -7.2121, 26.6354



99.6640, -7.2294, -14.6143

Complementary

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



101.5320, 16.4997, -18.8836



113.4680, -16.4997, 18.8836

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.



101.5580, -13.0931, -0.4894



101.5320, 16.4997, -18.8836



104.7010, -13.1636, 22.1872

Square

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



101.5320, 16.4997, -18.8836



105.9690, 0.5083, 23.7062



103.3640, -15.4625, 12.8358



96.8780, 1.5391, -27.0800

Rectangle

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



101.5320, 16.4997, -18.8836



105.9870, 9.8664, 8.7814



103.3640, -15.4625, 12.8358



100.4150, -9.5716, -10.0110

Sweetspot

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



101.5320, 16.4997, -18.8836



163.2640, 6.2788, -7.2475



115.4770, -3.6862, -31.1133



81.8900, 3.5052, -4.2885



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



101.5320, 16.4997, -18.8836



123.2840, 25.9890, -29.1901



86.5690, 23.8765, -4.8840



62.4450, 1.7526, -2.1443



50.6270, 39.1309, -44.3999



0.9290, 1.0210, -0.8147

Inverse Universe

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



99.4090, 3.2494, 31.2133



120.2740, 4.7949, 48.8717



128.4310, -23.8765, 4.8840



62.1360, 0.4260, 3.3887



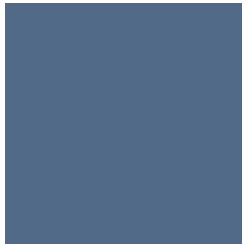
45.8240, 7.4818, 73.8224



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 101.5320, 16.4997, -18.8836 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 × Fail

Black Background



This preview shows how the YUV color 101.5320, 16.4997, -18.8836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

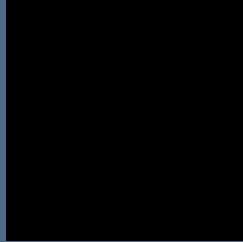
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

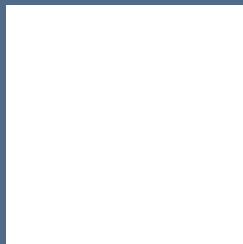
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 101.5320, 16.4997, -18.8836

Background



This preview shows how black text looks on a background with the YUV color 101.5320, 16.4997, -18.8836.



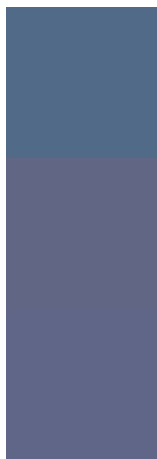
This preview shows how white text looks on a background with the YUV color 101.5320, 16.4997, -18.8836.

-18.8836.

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

101.5320, 16.4997, -18.8836

Protanopia

103.6260, 13.9884, -6.6880

Deuteranopia

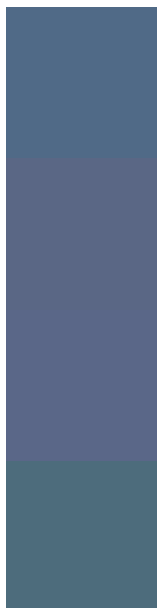
104.0820, 15.7356, -7.0879



Tritanopia

99.8600, 8.9430, -21.8022

Trichromacy



Original Color

101.5320, 16.4997, -18.8836

Protanomaly

102.5330, 15.0202, -10.9914

Deuteranomaly

102.8750, 16.3306, -11.2914

Tritanomaly

100.5550, 11.5584, -20.6577

Monochromacy



Original Color

101.5320, 16.4997, -18.8836

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

101.5630, 6.1314, -6.6328

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.5320, 16.4997, -18.8836 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(80, 106, 135)` looks like.

```
.text, #text, p{  
    color:rgb(80, 106, 135)  
}
```

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(80, 106, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 106, 135) }
```

Border

The CSS property to change the border of an element to YUV 101.5320, 16.4997, -18.8836 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(80, 106, 135) }
```


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

```
.border{ border-color:rgb(80, 106, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 106, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 106, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 106, 135);  
box-shadow:4px 4px 4px 4px rgb(80, 106,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 101.5320, 16.4997, -18.8836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 106, 135) }
```

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

```
.background{ background-color: rgb(80, 106,  
135) }
```

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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