

Converting Colors

YUV(97.5370, 18.9623,
-15.3799)

Have a look what the booklet for
YUV(97.5370, 18.9623, -15.3799)
contains.

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Color

**YUV(97.5370, 18.9623,
-15.3799)**

Conversions

Conversions Part 1

Format	Color
Hex	506388
RGB	80, 99, 136
RGB Percent	31%, 39%, 53%
CMY	0.6863, 0.6118, 0.4667
CMYK	0.41, 0.27, 0.00, 0.47
HSL	220°, 26%, 42%
HSV	220°, 41%, 53%
XYZ	12.2140, 12.4067, 25.0435
YIQ	97.5370, -23.2010, 7.4790

Conversions

Conversions Part 2

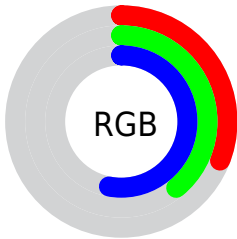
Format	Color
R_{YB}	80, 94, 136
Decimal	5268360
CIE _{Lab}	41.86, 2.94, -22.79
CIE _{LCh}	42, 22.977, 277.348
Yxy	12.4067, 0.2459, 0.2498
Android (android.graphics.Color)	4283458440 (0xFF506388)
YUV	97.5370, 18.9623, -15.3799
Hunter-Lab	35.2232, 0.2563, -17.4987

Details

The YUV color **97.5370, 18.9623, -15.3799** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **118.4630, -18.9623, 15.3799**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.7650, 19.8359, -15.5799**, and **49.8850, 17.8047, -17.4391** is the 20% darker color. If you saturate the color by 10%, you get **88.0680, 23.6305, -19.3536**, and if you desaturate by 10%, it is **107.0060, 14.2940, -11.4063**.

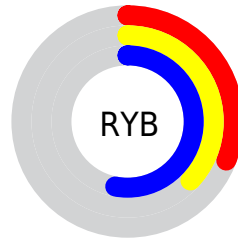
Distribution



Red (31%)

Green (39%)

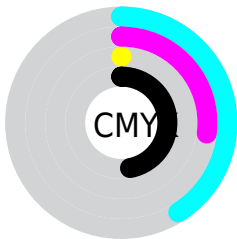
Blue (53%)



Red (31%)

Yellow (37%)

Blue (53%)

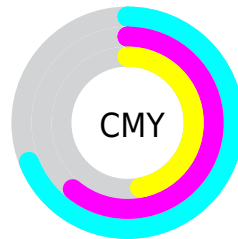


Cyan (41%)

Magenta (27%)

Yellow (0%)

Black (47%)



Cyan (69%)

Magenta (61%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.5370, 18.9623, -15.3799 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 97.5370, 18.9623, -15.3799 by changing the saturation by 10% instead.

■ 97.5370, 18.9623,
-15.3799

■ 97.5370, 18.9623,
-15.3799

■ 255.0000, 0.0000,
0.0000

■ 73.1240, 18.6729,
-15.8947

■ 148.7650, 19.8359,
-15.5799

■ 49.8850, 17.8047,
-17.4391

■ 175.2920, 20.5620,
-15.1651

■ 26.5640, 17.9629,
-21.5426

■ 203.4060, 20.9988,
-15.2651

■ 8.7830, 15.8830,
-7.7027

■ 229.2400, 12.6997,
-13.3655

■ 2.7530, 8.0098,
-2.4144

■ 251.1130, 1.9163,
-7.9921

■ 0.0000, 0.0000,
0.0000

■ 97.5370, 18.9623,
-15.3799

■ 97.5370, 18.9623,
-15.3799

■ 88.0680, 23.6305,
-19.3536

■ 107.0060, 14.2940,
-11.4063

■ 78.8980, 28.1513,
-22.7125

■ 116.1760, 9.7732,
-8.0474

■ 69.4290, 32.8195,
-26.6862

■ 125.6450, 5.1050,
-4.0737

■ 60.2590, 37.3403,
-30.0451

■ 134.8150, 0.5842,
-0.7148

■ 50.7900, 42.0085,
-34.0188

■ 144.2840, -4.0840,
3.2589


■ 42.5060, 46.0925,
-37.2778

■ 153.7530, -8.7522,
7.2326

■ 162.9230,
-13.2730, 10.5915

■ 172.3920,

-17.9413, 14.5652

 181.5620,
-22.4621, 17.9241

Harmonies

Analogous

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



91.7470, 20.3377, -36.6121



97.5370, 18.9623, -15.3799



100.7030, 13.9504, 5.5225

Triad

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



97.5370, 18.9623, -15.3799



99.9130, -11.2961, 29.8943



92.1080, -3.9972, -24.6507

Complementary

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



97.5370, 18.9623, -15.3799



118.4630, -18.9623, 15.3799

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.



94.5140, -13.0714, -7.4668



97.5370, 18.9623, -15.3799



98.9630, -17.2368, 21.9574

Square

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



97.5370, 18.9623, -15.3799



100.8020, -2.8604, 30.8686



97.0600, -17.7776, 8.7174



87.9840, 7.4029, -41.2050

Rectangle

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



97.5370, 18.9623, -15.3799



101.4010, 8.6763, 17.1883



97.0600, -17.7776, 8.7174



93.2290, -7.5079, -18.6178

Sweetspot

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



97.5370, 18.9623, -15.3799



161.5030, 7.1470, -5.7031



116.9760, -0.4812, -32.4280



80.7160, 4.0840, -3.2589



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.



97.5370, 18.9623, -15.3799



116.8270, 29.1723, -23.5273



88.7760, 23.2814, -0.6806



63.9720, 2.4788, -1.7294



41.5770, 45.0715, -36.4630



1.7440, 1.6052, -1.5295

Inverse Universe

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



98.9100, 0.0444, 32.5279



119.0200, -0.0099, 49.9715



127.2240, -23.2814, 0.6806



64.3210, -0.1583, 4.1035



44.8970, 0.0508, 77.2663



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 97.5370, 18.9623, -15.3799 looks on a white background.

Color Contrast Check

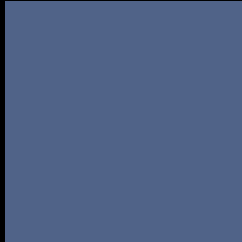
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.5370, 18.9623, -15.3799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

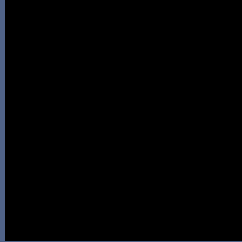
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

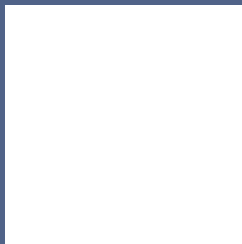
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 97.5370, 18.9623, -15.3799

Background



This preview shows how black text looks on a background with the YUV color 97.5370, 18.9623, -15.3799.



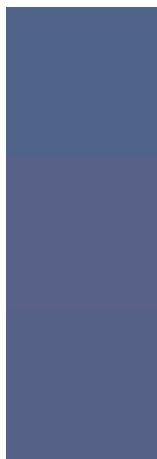
This preview shows how white text looks on a background with the YUV color 97.5370, 18.9623,

-15.3799.

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

97.5370, 18.9623, -15.3799

Protanopia

98.6410, 17.9250, -9.3322

Deuteranopia

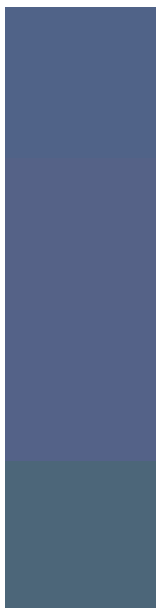
98.1570, 18.6566, -10.6617



Tritanopia

95.9420, 7.9166, -19.2431

Trichromacy



Original Color

97.5370, 18.9623, -15.3799

Protanomaly

98.3310, 18.0778, -11.6913

Deuteranomaly

98.1460, 18.6620, -12.4060

Tritanomaly

96.3920, 12.1317, -17.8838

Monochromacy



Original Color

97.5370, 18.9623, -15.3799

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.5030, 7.1470, -5.7031

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.5370, 18.9623, -15.3799 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, 99, 136)` looks like.

```
.text, #text, p{  
    color:rgb(80, 99, 136)  
}
```

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, 99, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 99, 136) }
```

Border

The CSS property to change the border of an element to YUV 97.5370, 18.9623, -15.3799 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, 99, 136) }
```


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

```
.border{ border-color:rgb(80, 99, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 99, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 99, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 99, 136);  
box-shadow:4px 4px 4px 4px rgb(80, 99,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 97.5370, 18.9623, -15.3799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 99, 136) }
```

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

```
.background{ background-color: rgb(80, 99,  
136) }
```

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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