

Converting Colors

YUV(165.5370, 18.9623,
-15.3799)

Have a look what the booklet for
YUV(165.5370, 18.9623, -15.3799)
contains.

YUV(165.5370, 18.9623, -15.3799)	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(165.5370, 18.9623,
-15.3799)**

Conversions

Conversions Part 1

Format	Color
Hex	94A7CC
RGB	148, 167, 204
RGB Percent	58%, 65%, 80%
CMY	0.4196, 0.3451, 0.2000
CMYK	0.27, 0.18, 0.00, 0.20
HSL	220°, 35%, 69%
HSV	220°, 27%, 80%
XYZ	36.9305, 38.2930, 62.5716
YIQ	165.5370, -23.2010, 7.4790

Conversions

Conversions Part 2

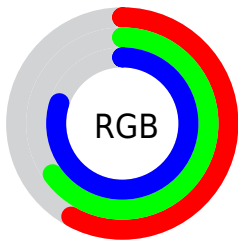
Format	Color
R_{YB}	148, 162, 204
Decimal	9742284
CIE Lab	68.24, 1.77, -21.04
CIE LCh	68, 21.118, 274.802
Yxy	38.2930, 0.2680, 0.2779
Android (android.graphics.Color)	4287932364 (0xFF94A7CC)
YUV	165.5370, 18.9623, -15.3799
Hunter-Lab	61.8813, -1.7641, -16.6344

Details

The YUV color **165.5370, 18.9623, -15.3799** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **186.4630, -18.9623, 15.3799**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.0810, 17.2151, -14.9800**, and **113.3090, 18.0887, -15.1800** is the 20% darker color. If you saturate the color by 10%, you get **151.9260, 25.6725, -20.9831**, and if you desaturate by 10%, it is **179.1480, 12.2520, -9.7768**.

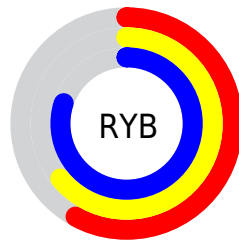
Distribution



Red (58%)

Green (65%)

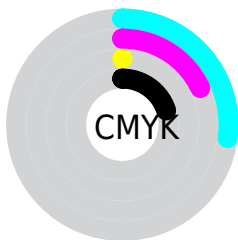
Blue (80%)



Red (58%)

Yellow (64%)

Blue (80%)

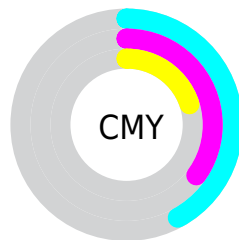


Cyan (27%)

Magenta (18%)

Yellow (0%)

Black (20%)



Cyan (42%)

Magenta (35%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.5370, 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 165.5370, 18.9623, -15.3799 by changing the saturation by 10% instead.

■ 165.5370, 18.9623,
-15.3799

■ 165.5370, 18.9623,
-15.3799

255.0000, 0.0000,
0.0000

■ 139.3090, 18.0887,
-15.1800

■ 220.0810, 17.2151,
-14.9800

■ 113.3090, 18.0887,
-15.1800

■ 245.4760, 4.6953,
-12.6955

■ 88.7820, 17.3625,
-15.5948

■ 64.3690, 17.0731,
-16.1096

■ 41.2440, 16.6417,
-17.7540

■ 20.6030, 15.4787,
-18.0688

■ 4.7080, 12.9620,

-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 165.5370, 18.9623,
-15.3799

■ 165.5370, 18.9623,
-15.3799

■ 151.9260, 25.6725,
-20.9831

■ 179.1480, 12.2520,
-9.7768

■ 137.4290, 32.8195,
-26.6862

■ 193.6450, 5.1050,
-4.0737

■ 123.8180, 39.5297,
-32.2894

■ 207.2560, -1.6052,
1.5295

■ 109.3210, 46.6767,
-37.9925

■ 221.7530, -8.7522,
7.2326

■ 95.7100, 53.3870,
-43.5957

■ 235.3640,
-15.4625, 12.8358

■ 81.5120, 60.3866,
-48.6840

■ 245.0770,
-20.2510, 8.7025

■ 67.6020, 67.2442,
-54.9020

■ 249.1860,
-22.2767, 5.0989

■ 63.7590, 69.1388,
-55.9166

Harmonies

Analogous

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



161.7260, 18.8691, -32.2087



165.5370, 18.9623, -15.3799



168.5180, 14.5346, 4.8077

Triad

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



165.5370, 18.9623, -15.3799



168.8100, -11.7383, 31.7386



160.7770, -5.3131, -22.6064

Complementary

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



165.5370, 18.9623, -15.3799



186.4630, -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.



163.2970, -13.9504, -5.5225



165.5370, 18.9623, -15.3799



167.2730, -17.3896, 24.3166

Square

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



165.5370, 18.9623, -15.3799



169.8020, -2.8604, 30.8686



165.2560, -18.3672, 11.1765



158.4470, 5.2026, -35.4720

Rectangle

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



165.5370, 18.9623, -15.3799



169.9170, 9.4079, 15.8588



165.2560, -18.3672, 11.1765



161.5990, -8.6763, -17.1883

Sweetspot

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



165.5370, 18.9623, -15.3799



241.3890, 6.7102, -5.6032



184.9760, -0.4812, -32.4280



118.8300, 4.5208, -3.3589



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.



165.5370, 18.9623, -15.3799



197.0120, 28.5881, -22.8125



156.7760, 23.2814, -0.6806



94.9010, 3.4998, -2.5442



51.7960, 56.3026, -45.4251



11.9630, 12.8362, -10.4916

Inverse Universe

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



166.9100, 0.0444, 32.5279



199.3080, -0.1518, 48.8419



195.2240, -23.2814, 0.6806



95.3320, -0.1637, 5.8478



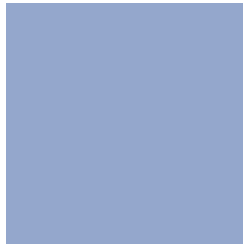
56.0180, -0.0089, 96.4542



12.8440, 0.0769, 22.0618

Previews

White Background



This preview shows how the YUV color 165.5370, 18.9623, -15.3799 looks on a white background.

Color Contrast Check

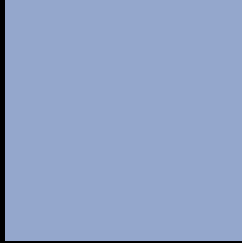
Large Text (above 18pt) WCAG AA × Fail

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 165.5370, 18.9623, -15.3799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

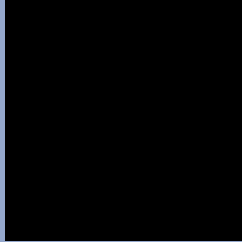
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.5370, 18.9623, -15.3799

Background



This preview shows how black text looks on a background with the YUV color 165.5370, 18.9623, -15.3799.



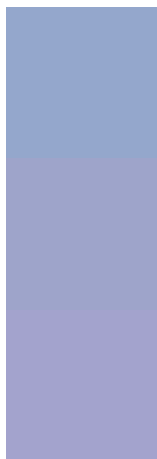
This preview shows how white text looks on a background with the YUV color 165.5370, 18.9623, -15.3799.

-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

165.5370, 18.9623, -15.3799

Protanopia

166.5380, 17.4828, -7.4878

Deuteranopia

167.7880, 18.3455, -4.1991



Tritanopia

163.8220, 9.9478, -17.3839

Trichromacy



Original Color

165.5370, 18.9623, -15.3799

Protanomaly

166.0430, 18.2198, -10.5617

Deuteranomaly

166.8800, 18.7932, -7.7878

Tritanomaly

164.3320, 13.1473, -16.9542

Monochromacy



Original Color

165.5370, 18.9623, -15.3799

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.5030, 7.1470, -5.7031

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.5370, 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(148, 167, 204)` looks like.

```
.text, #text, p{  
    color:rgb(148, 167, 204)  
}
```

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(148, 167, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 167, 204) }
```

Border

The CSS property to change the border of an element to YUV 165.5370, 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(148, 167, 204) }
```


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

```
.border{ border-color:rgb(148, 167, 204) }
```

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

Here you see how a box with a 4 pixel rgb(148, 167, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 167, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 167, 204);  
box-shadow:4px 4px 4px 4px rgb(148, 167,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 165.5370, 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(148, 167, 204) }
```

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

```
.background{ background-color: rgb(148,  
167, 204) }
```

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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