

Converting Colors

YUV(118.3500, 19.0545,
-45.0339)

Have a look what the booklet for
YUV(118.3500, 19.0545, -45.0339)
contains.

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Color

**YUV(118.3500, 19.0545,
-45.0339)**

Conversions

Conversions Part 1

Format	Color
Hex	43899D
RGB	67, 137, 157
RGB Percent	26%, 54%, 62%
CMY	0.7373, 0.4627, 0.3843
CMYK	0.57, 0.13, 0.00, 0.38
HSL	193°, 40%, 44%
HSV	193°, 57%, 62%
XYZ	17.3462, 21.5189, 35.1376
YIQ	118.3500, -48.1400, -8.6200

Conversions

Conversions Part 2

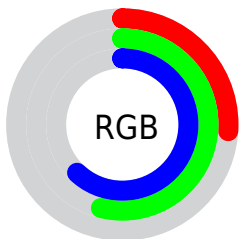
Format	Color
R _Y B	67, 106, 157
Decimal	4426141
CIE Lab	53.51, -16.01, -17.33
CIE LCh	54, 23.597, 227.270
Yxy	21.5189, 0.2344, 0.2908
Android (android.graphics.Color)	4282616221 (0xFF43899D)
YUV	118.3500, 19.0545, -45.0339
Hunter-Lab	46.3885, -14.4328, -12.4381

Details

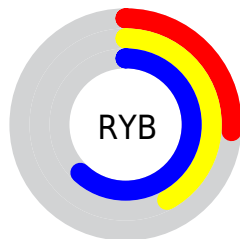
The YUV color **118.3500, 19.0545, -45.0339** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **105.6500, -19.0545, 45.0339**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.4750, 19.4858, -43.3896**, and **63.1530, 21.1236, -55.3852** is the 20% darker color. If you saturate the color by 10%, you get **111.8050, 22.2811, -53.3260**, and if you desaturate by 10%, it is **124.8950, 15.8278, -36.7419**.

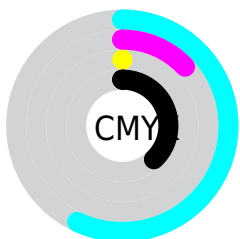
Distribution



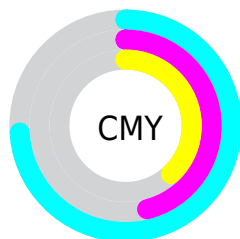
- Red (26%)
- Green (54%)
- Blue (62%)



- Red (26%)
- Yellow (42%)
- Blue (62%)



- Cyan (57%)
- Magenta (13%)
- Yellow (0%)
- Black (38%)



- Cyan (74%)
- Magenta (46%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.3500, 19.0545, -45.0339 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 118.3500, 19.0545, -45.0339 by changing the saturation by 10% instead.

■ 118.3500, 19.0545,
-45.0339

■ 118.3500, 19.0545,
-45.0339

■ 255.0000, 0.0000,
0.0000

■ 91.7410, 19.3547,
-48.0079

■ 172.4750, 19.4858,
-43.3896

■ 63.1530, 21.1236,
-55.3852

■ 200.1760, 19.6332,
-44.0044

■ 46.8020, 16.8596,
-41.0454

■ 227.5800, 13.5181,
-42.6047

■ 30.6790, 13.4693,
-26.9055

■ 240.6480, 7.0755,
-29.5093

■ 17.1320, 9.7949,
-15.0248

■ 249.6180, 2.6533,
-11.0660

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,

0.0000

■ 118.3500, 19.0545,
-45.0339

■ 118.3500, 19.0545,
-45.0339

■ 111.8050, 22.2811,
-53.3260

■ 124.8950, 15.8278,
-36.7419

■ 104.9720, 25.6498,
-60.4884

■ 131.7280, 12.4591,
-29.5795

■ 98.4270, 28.8765,
-68.7805

■ 138.2730, 9.2324,
-21.2874

■ 91.2950, 32.3926,
-76.5577

■ 145.4050, 5.7163,
-13.5102

■ 89.5120, 33.2716,
-78.5020

■ 151.9500, 2.4897,
-5.2181

■ 158.7830, -0.8790,
1.9443

■ 165.3280, -4.1057,
10.2363

■ 172.4600, -7.6218,
18.0136

■ 178.7060,
-10.7011, 25.6908

Harmonies

Analogous

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



117.1730, 10.7607, -44.8787



118.3500, 19.0545, -45.0339



123.1330, 21.6264, -29.9346

Triad

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



118.3500, 19.0545, -45.0339



131.2730, 2.8234, 27.8246



125.3260, -17.9087, 4.0991

Complementary

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



118.3500, 19.0545, -45.0339



105.6500, -19.0545, 45.0339

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.



127.6700, -19.5573, 19.5834



118.3500, 19.0545, -45.0339



130.2000, -6.5076, 34.0276

Square

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



118.3500, 19.0545, -45.0339



130.9920, 12.3289, 12.2850



129.0010, -14.7905, 30.6941



123.2250, -11.4499, -14.2293

Rectangle

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



118.3500, 19.0545, -45.0339



126.8790, 20.2727, -15.6799



129.0010, -14.7905, 30.6941



126.0170, -19.2354, 9.6321

Sweetspot

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



118.3500, 19.0545, -45.0339



188.8390, 7.4744, -17.3988



122.1100, -17.3092, -48.3315



93.0850, 4.3951, -9.7215



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



118.3500, 19.0545, -45.0339



143.6440, 29.7555, -70.7248



92.5220, 31.7877, -22.3828



75.4340, 1.7580, -3.8886



81.4590, 30.3397, -71.4395



8.7540, 3.0793, -7.6773

Inverse Universe

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



101.8900, 17.3092, 48.3315



117.6990, 27.2634, 75.6860



132.0650, -32.0770, 21.8680



74.0760, 1.4415, 4.3183



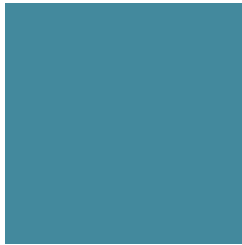
55.4110, 27.4054, 76.8156



5.8530, 3.0305, 8.0219

Previews

White Background



This preview shows how the YUV color 118.3500, 19.0545, -45.0339 looks on a white 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

Black Background



This preview shows how the YUV color 118.3500, 19.0545, -45.0339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

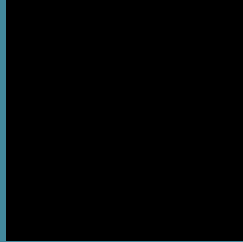
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.3500, 19.0545, -45.0339

Background



This preview shows how black text looks on a background with the YUV color 118.3500, 19.0545, -45.0339.

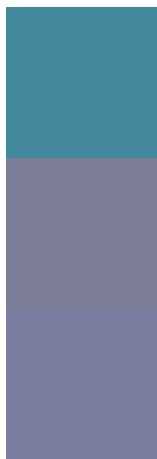


This preview shows how white text looks on a background with the YUV color 118.3500, 19.0545, -45.0339.

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

118.3500, 19.0545, -45.0339

Protanopia

127.8390, 10.9254, -4.2438

Deuteranopia

128.3920, 15.5827, -4.7288



Tritanopia

117.1280, 15.7129, -46.5933

Trichromacy



Original Color

118.3500, 19.0545, -45.0339

Protanomaly

124.5490, 14.0263, -18.8985

Deuteranomaly

124.6460, 16.9365, -18.9835

Tritanomaly

117.7690, 16.8759, -46.2784

Monochromacy



Original Color

118.3500, 19.0545, -45.0339

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.0240, 6.8902, -16.6840

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.3500, 19.0545, -45.0339 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(67, 137, 157)` looks like.

```
.text, #text, p{  
    color:rgb(67, 137, 157)  
}
```

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(67, 137, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 137, 157) }
```

Border

The CSS property to change the border of an element to YUV 118.3500, 19.0545, -45.0339 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(67, 137, 157) }
```


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

```
.border{ border-color:rgb(67, 137, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 137, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(67, 137, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(67, 137, 157); box-shadow:4px 4px 4px 4px rgb(67, 137, 157) }
```

Background

The CSS property to change the background color of an element to YUV 118.3500, 19.0545, -45.0339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 137, 157) }
```

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

```
.background{ background-color: rgb(67, 137,  
157) }
```

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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