

Converting Colors

YUV(117.8500, 0.5670,
-41.9644)

Have a look what the booklet for
YUV(117.8500, 0.5670, -41.9644)
contains.

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Color

**YUV(117.8500, 0.5670,
-41.9644)**

Conversions

Conversions Part 1

Format	Color
Hex	468E77
RGB	70, 142, 119
RGB Percent	27%, 56%, 47%
CMY	0.7255, 0.4431, 0.5333
CMYK	0.51, 0.00, 0.16, 0.44
HSL	161°, 34%, 42%
HSV	161°, 51%, 56%
XYZ	15.5286, 21.9800, 20.8769
YIQ	117.8500, -35.5290, -22.4170

Conversions

Conversions Part 2

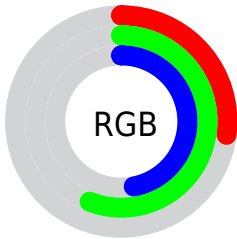
Format	Color
RYB	70, 113, 142
Decimal	4623991
CIELab	54.01, -28.41, 5.37
CIElCh	54, 28.914, 169.292
Yxy	21.9800, 0.2660, 0.3765
Android (android.graphics.Color)	4282814071 (0xFF468E77)
YUV	117.8500, 0.5670, -41.9644
Hunter-Lab	46.8828, -22.9221, 6.4162

Details

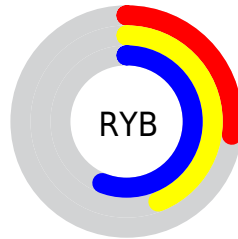
The YUV color **117.8500, 0.5670, -41.9644** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **94.1500, -0.5670, 41.9644**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.3230, -0.1592, -42.3793**, and **63.9030, 3.4988, -49.0269** is the 20% darker color. If you saturate the color by 10%, you get **113.0940, 0.4467, -50.0714**, and if you desaturate by 10%, it is **122.6060, 0.6872, -33.8575**.

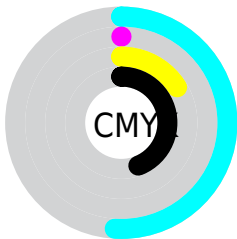
Distribution



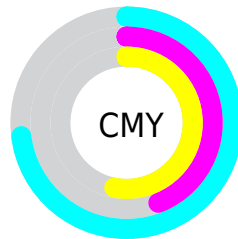
- Red (27%)
- Green (56%)
- Blue (47%)



- Red (27%)
- Yellow (44%)
- Blue (56%)



- Cyan (51%)
- Magenta (0%)
- Yellow (16%)
- Black (44%)



- Cyan (73%)
- Magenta (44%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.8500, 0.5670, -41.9644 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 117.8500, 0.5670, -41.9644 by changing the saturation by 10% instead.

■ 117.8500, 0.5670,
-41.9644

■ 117.8500, 0.5670,
-41.9644

■ 255.0000, 0.0000,
0.0000

■ 91.6650, 1.1512,
-42.6792

■ 171.3230, -0.1592,
-42.3793

■ 63.9030, 3.4988,
-49.0269

■ 198.9100, -0.4486,
-42.8941

■ 44.8010, 1.5771,
-39.2905

■ 227.4970, -0.7380,
-43.4089

■ 28.9060, -0.9397,
-25.3506

■ 240.6480, 7.0755,
-29.5093

■ 13.6150, -6.2192,
-11.9404

■ 249.0200, 2.9481,
-12.2955

■ 0.0000, 0.0000,
0.0000

■ 117.8500, 0.5670,
-41.9644

■ 117.8500, 0.5670,
-41.9644

■ 113.0940, 0.4467,
-50.0714

■ 122.6060, 0.6872,
-33.8575

■ 108.4520, 0.7632,
-58.2784

■ 127.2480, 0.3707,
-25.6505

■ 103.3970, 0.7903,
-67.0002

■ 132.3030, 0.3436,
-16.9287

■ 98.7550, 1.1068,
-75.2071

■ 136.9450, 0.0271,
-8.7218

■ 94.4120, 1.2759,
-82.7993

■ 141.7010, 0.1474,
-0.6148

■ 146.3430, -0.1691,
7.5922

■ 151.0990, -0.0488,
15.6992

■ 156.0400, -0.5127,

24.5209

■ 160.7960, -0.3924,
32.6279

Harmonies

Analogous

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



122.7360, -13.1808, -19.0625



117.8500, 0.5670, -41.9644



111.8440, 16.3459, -63.0072

Triad

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



117.8500, 0.5670, -41.9644



129.6070, 22.8717, -9.3023



129.7090, -18.5905, 36.2122

Complementary

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



117.8500, 0.5670, -41.9644



94.1500, -0.5670, 41.9644

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.



131.3750, -8.5659, 40.8901



117.8500, 0.5670, -41.9644



132.5950, 14.4967, 17.0182

Square

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



117.8500, 0.5670, -41.9644



122.5710, 27.3265, -38.2118



132.4310, 3.2385, 34.7020



128.5410, -23.9307, 22.3275

Rectangle

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



117.8500, 0.5670, -41.9644



111.4720, 23.9243, -67.0659



132.4310, 3.2385, 34.7020



130.5290, -15.5438, 39.0011

Sweetspot

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



117.8500, 0.5670, -41.9644



174.6020, 0.1962, -16.3140



119.4400, -24.3739, -22.3109



86.3470, 0.3219, -9.9513



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



117.8500, 0.5670, -41.9644



146.4080, 0.7849, -65.2558



113.4280, 14.0860, -38.0864



68.6790, 0.1583, -4.1035



89.7330, 1.1176, -78.6958



5.2660, -0.1311, -4.6183

Inverse Universe

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



94.1500, -0.5670, 41.9644



109.4780, -1.2217, 65.3558



98.5720, -14.0860, 38.0864



66.4350, 0.2785, 4.0035



45.2670, -1.1176, 78.6958



2.6200, -0.3057, 4.7183

Previews

White Background



This preview shows how the YUV color 117.8500, 0.5670, -41.9644 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 117.8500, 0.5670, -41.9644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

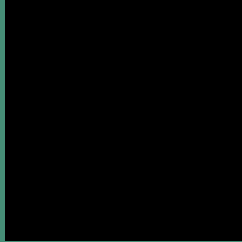
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

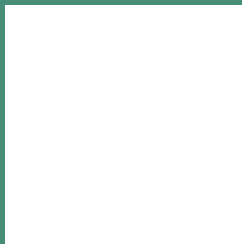
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 117.8500, 0.5670, -41.9644

Background



This preview shows how black text looks on a background with the YUV color 117.8500, 0.5670, -41.9644.



This preview shows how white text looks on a background with the YUV color 117.8500, 0.5670,

-41.9644.

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

117.8500, 0.5670, -41.9644

Protanopia

128.2690, -8.0206, 5.9031

Deuteranopia

129.5670, -3.2375, 11.7807



Tritanopia

121.6130, 13.5018, -37.3716

Trichromacy



Original Color

117.8500, 0.5670, -41.9644

Protanomaly

124.3700, -4.6194, -11.7255

Deuteranomaly

125.4890, -1.7201, -8.3219

Tritanomaly

120.0490, 8.8498, -38.6310

Monochromacy



Original Color

117.8500, 0.5670, -41.9644

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.2000, -0.0986, -15.0844

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.8500, 0.5670, -41.9644 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(70, 142, 119)` looks like.

```
.text, #text, p{  
    color:rgb(70, 142, 119)  
}
```

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(70, 142, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 142, 119) }
```

Border

The CSS property to change the border of an element to YUV 117.8500, 0.5670, -41.9644 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(70, 142, 119) }
```


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

```
.border{ border-color:rgb(70, 142, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 142, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 142, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 142, 119);  
box-shadow:4px 4px 4px 4px rgb(70, 142,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 117.8500, 0.5670, -41.9644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 142, 119) }
```

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

```
.background{ background-color: rgb(70, 142,  
119) }
```

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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