

Converting Colors

YUV(118.8830, 17.3127,
-46.3784)

Have a look what the booklet for
YUV(118.8830, 17.3127, -46.3784)
contains.

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Color

**YUV(118.8830, 17.3127,
-46.3784)**

Conversions

Conversions Part 1

Format	Color
Hex	428B9A
RGB	66, 139, 154
RGB Percent	26%, 55%, 60%
CMY	0.7412, 0.4549, 0.3961
CMYK	0.57, 0.10, 0.00, 0.40
HSL	190°, 40%, 43%
HSV	190°, 57%, 60%
XYZ	17.3121, 21.9566, 33.8974
YIQ	118.8830, -48.3230, -10.8110

Conversions

Conversions Part 2

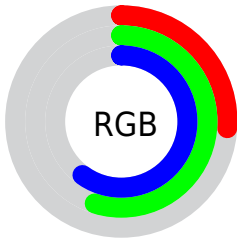
Format	Color
R_{YB}	66, 106, 154
Decimal	4361114
CIE _{Lab}	53.98, -18.22, -14.89
CIE _{LCh}	54, 23.529, 219.270
Yxy	21.9566, 0.2366, 0.3001
Android (android.graphics.Color)	4282551194 (0xFF428B9A)
YUV	118.8830, 17.3127, -46.3784
Hunter-Lab	46.8579, -16.0526, -10.0905

Details

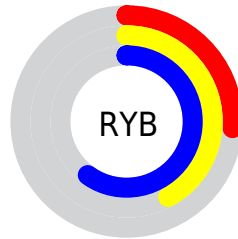
The YUV color **118.8830, 17.3127, -46.3784** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **101.1170, -17.3127, 46.3784**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.4810, 17.0179, -45.1488**, and **63.9850, 19.2344, -56.1148** is the 20% darker color. If you saturate the color by 10%, you get **112.6370, 20.3920, -54.0556**, and if you desaturate by 10%, it is **125.1290, 14.2334, -38.7011**.

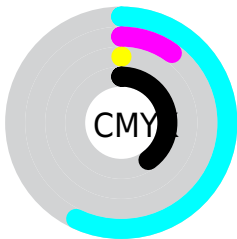
Distribution



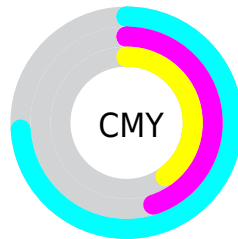
- Red (26%)
- Green (55%)
- Blue (60%)



- Red (26%)
- Yellow (42%)
- Blue (60%)



- Cyan (57%)
- Magenta (10%)
- Yellow (0%)
- Black (40%)



- Cyan (74%)
- Magenta (45%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.8830, 17.3127, -46.3784 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 118.8830, 17.3127, -46.3784 by changing the saturation by 10% instead.

■ 118.8830, 17.3127,
-46.3784

■ 118.8830, 17.3127,
-46.3784

■ 255.0000, 0.0000,
0.0000

■ 91.3880, 18.0497,
-49.4523

■ 173.4810, 17.0179,
-45.1488

■ 63.9850, 19.2344,
-56.1148

■ 201.2960, 17.6021,
-45.8636

■ 47.1610, 15.6966,
-41.3602

■ 228.4550, 13.0867,
-44.2490

■ 31.6250, 12.0169,
-27.7351

■ 240.3490, 7.2229,
-30.1241

■ 17.9640, 7.9057,
-15.7544

■ 249.3190, 2.8007,
-11.6808

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,

0.0000

■ 118.8830, 17.3127,
-46.3784

■ 118.8830, 17.3127,
-46.3784

■ 112.6370, 20.3920,
-54.0556

■ 125.1290, 14.2334,
-38.7011

■ 106.6790, 23.3293,
-62.8625

■ 131.0870, 11.2961,
-29.8943

■ 100.4330, 26.4085,
-70.5397

■ 137.3330, 8.2168,
-22.2170

■ 93.8880, 29.6352,
-78.8318

■ 143.2910, 5.2795,
-13.4102

■ 92.6920, 30.2248,
-81.2909

■ 149.5370, 2.2003,
-5.7329

■ 155.7830, -0.8790,
1.9443

■ 161.7410, -3.8163,
10.7511

■ 167.9870, -6.8956,
18.4284

■ 174.5320,
-10.1223, 26.7204

Harmonies

Analogous

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



118.7990, 7.9871, -41.9197



118.8830, 17.3127, -46.3784



122.9860, 21.2059, -35.0677

Triad

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



118.8830, 17.3127, -46.3784



132.3480, 5.7444, 24.2508



127.4190, -18.9406, 8.4025

Complementary

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



118.8830, 17.3127, -46.3784



101.1170, -17.3127, 46.3784

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.



129.3330, -18.4052, 23.3870



118.8830, 17.3127, -46.3784



131.4710, -4.1762, 32.9129

Square

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



118.8830, 17.3127, -46.3784



131.7140, 13.9450, 7.2668



130.4680, -13.0487, 32.0386



124.6880, -13.6502, -8.4964

Rectangle

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



118.8830, 17.3127, -46.3784



126.6610, 20.8731, -21.6277



130.4680, -13.0487, 32.0386



128.2240, -19.8304, 13.8356

Sweetspot

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



118.8830, 17.3127, -46.3784



187.8990, 6.4588, -18.3284



119.3660, -18.9144, -46.8020



94.2590, 3.8163, -10.7511



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.



118.8830, 17.3127, -46.3784



145.9380, 27.1456, -73.6136



93.0550, 30.0459, -23.7272



73.4340, 1.7580, -3.8886



84.0520, 27.5824, -73.7136



7.9390, 2.4951, -6.9625

Inverse Universe

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



100.6340, 18.9144, 46.8020



116.7850, 30.1790, 73.8566



126.9450, -30.0459, 23.7272



72.0760, 1.4415, 4.3183



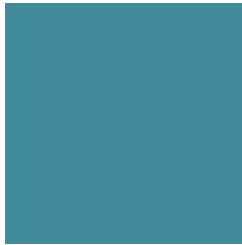
55.0840, 30.0316, 74.4713



5.1410, 2.8885, 6.8923

Previews

White Background



This preview shows how the YUV color 118.8830, 17.3127, -46.3784 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 118.8830, 17.3127, -46.3784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

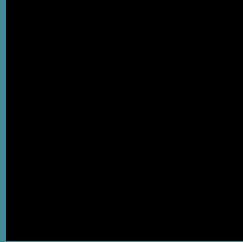
Any Text WCAG AA ✓ Pass

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 118.8830, 17.3127, -46.3784 Background



This preview shows how black text looks on a background with the YUV color 118.8830, 17.3127, -46.3784.



This preview shows how white text looks on a background with the YUV color 118.8830, 17.3127, -46.3784.

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

118.8830, 17.3127, -46.3784

Protanopia

128.5680, 8.5940, -3.1291

Deuteranopia

129.5340, 13.5407, -3.0993



Tritanopia

118.8290, 15.8603, -47.2080

Trichromacy



Original Color

118.8830, 17.3127, -46.3784

Protanomaly

124.9790, 11.8424, -18.3986

Deuteranomaly

125.7770, 14.8999, -19.0984

Tritanomaly

118.9430, 16.2971, -47.3080

Monochromacy



Original Color

118.8830, 17.3127, -46.3784

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.9100, 6.4534, -16.5841

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.8830, 17.3127, -46.3784 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(66, 139, 154)` looks like.

```
.text, #text, p{  
    color:rgb(66, 139, 154)  
}
```

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(66, 139, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 139, 154) }
```

Border

The CSS property to change the border of an element to YUV 118.8830, 17.3127, -46.3784 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(66, 139, 154) }
```


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

```
.border{ border-color:rgb(66, 139, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 139, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 139, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 139, 154);  
box-shadow:4px 4px 4px 4px rgb(66, 139,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 118.8830, 17.3127, -46.3784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 139, 154) }
```

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

```
.background{ background-color: rgb(66, 139,  
154) }
```

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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