

Converting Colors

YUV(118.4770, -23.4062,
40.8007)

Have a look what the booklet for
YUV(118.4770, -23.4062, 40.8007)
contains.

YUV(118.4770, -23.4062, 40.8007)	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(118.4770, -23.4062,
40.8007)**

Conversions

Conversions Part 1

Format	Color
Hex	A56847
RGB	165, 104, 71
RGB Percent	65%, 41%, 28%
CMY	0.3529, 0.5922, 0.7216
CMYK	0.00, 0.37, 0.57, 0.35
HSL	21°, 40%, 46%
HSV	21°, 57%, 65%
XYZ	21.6047, 18.3549, 8.3654
YIQ	118.4770, 46.9490, 2.6690

Conversions

Conversions Part 2

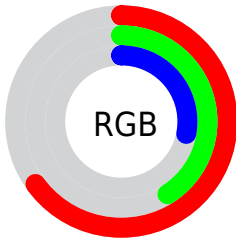
Format	Color
R_{YB}	165, 122, 71
Decimal	10840135
CIE _{Lab}	49.92, 20.99, 28.64
CIE _{LCh}	50, 35.507, 53.759
Yxy	18.3549, 0.4471, 0.3798
Android (android.graphics.Color)	4289030215 (0xFFA56847)
YUV	118.4770, -23.4062, 40.8007
Hunter-Lab	42.8426, 15.0395, 18.4129

Details

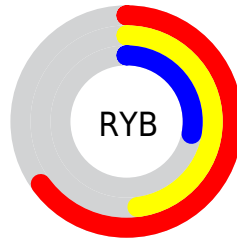
The YUV color **118.4770, -23.4062, 40.8007** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **117.5230, 23.4062, -40.8007**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.9290, -25.6010, 44.7893**, and **68.7260, -21.0639, 36.1973** is the 20% darker color. If you saturate the color by 10%, you get **110.1960, -27.2116, 48.0631**, and if you desaturate by 10%, it is **126.7580, -19.6007, 33.5382**.

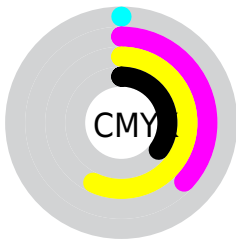
Distribution



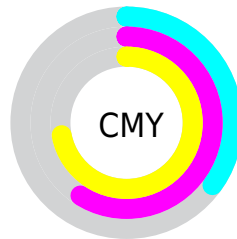
- Red (65%)
- Green (41%)
- Blue (28%)



- Red (65%)
- Yellow (48%)
- Blue (28%)



- Cyan (0%)
- Magenta (37%)
- Yellow (57%)
- Black (35%)



- Cyan (35%)
- Magenta (59%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.4770, -23.4062, 40.8007 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 118.4770, -23.4062, 40.8007 by changing the saturation by 10% instead.

■ 118.4770,
-23.4062, 40.8007

■ 118.4770,
-23.4062, 40.8007

■ 255.0000, 0.0000,
0.0000

■ 93.3950, -22.3797,
38.2416

■ 171.9290,
-25.6010, 44.7893

■ 68.7260, -21.0639,
36.1973

■ 199.7120,
-26.4800, 46.7336

■ 45.0030, -21.2005,
33.3234

■ 219.2370,
-22.7948, 31.3642

■ 24.0870, -11.8749,
28.8647

■ 239.3380,
-19.3936, 13.7356

■ 10.2800, -4.5750,
20.8024

■ 251.9220,
-11.7935, 2.6994

■ 0.0000, 0.0000,
0.0000

■ 118.4770,
-23.4062, 40.8007

■ 118.4770,
-23.4062, 40.8007

■ 110.1960,
-27.2116, 48.0631

■ 126.7580,
-19.6007, 33.5382

■ 102.3880,
-31.7433, 54.9107

■ 134.5660,
-15.0690, 26.6906

■ 94.1070, -35.5488,
62.1732

■ 142.8470,
-11.2636, 19.4282

■ 85.7120, -39.7910,
69.5356

■ 151.2420, -7.0213,
12.0658

■ 83.3810, -41.1068,
71.5799

■ 159.6370, -2.7790,
4.7034

■ 167.3310, 1.3158,
-2.0443

■ 175.7260, 5.5581,
-9.4067

■ 184.0070, 9.3635,

-16.6691

■ 191.7010, 13.4584,
-23.4168

Harmonies

Analogous

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



119.9200, -11.7926, 49.1822



118.4770, -23.4062, 40.8007



116.8740, -29.0249, 22.9125

Triad

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



118.4770, -23.4062, 40.8007



97.8900, 6.4632, -66.5555



119.6550, 26.7921, -6.7134

Complementary

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



118.4770, -23.4062, 40.8007



117.5230, 23.4062, -40.8007

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.



108.9270, 34.0530, -49.0480



118.4770, -23.4062, 40.8007



94.8460, 23.2469, -83.1799

Square

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



118.4770, -23.4062, 40.8007



109.2680, -13.4431, -28.2990



95.9350, 35.0350, -84.1350



122.3940, 16.0748, 24.2105

Rectangle

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



118.4770, -23.4062, 40.8007



114.7150, -27.9605, 8.1429



95.9350, 35.0350, -84.1350



117.2620, 29.4508, -19.5238

Sweetspot

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



118.4770, -23.4062, 40.8007



196.3950, -9.0687, 15.4396



106.0600, 12.7884, 51.6904



96.3880, -5.1213, 9.3067



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



118.4770, -23.4062, 40.8007



142.2920, -36.1330, 62.8879



146.0660, -37.0075, 16.6051



77.4520, -2.1948, 3.9886



73.2920, -36.1330, 62.8879



8.9040, -4.3897, 7.9772

Inverse Universe

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



117.5230, 23.4062, -40.8007



140.7080, 36.1330, -62.8879



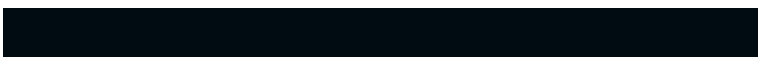
89.9340, 37.0075, -16.6051



77.5480, 2.1948, -3.9886



71.7080, 36.1330, -62.8879



9.0960, 4.3897, -7.9772

Previews

White Background



This preview shows how the YUV color 118.4770, -23.4062, 40.8007 looks on a white background.

Color Contrast Check

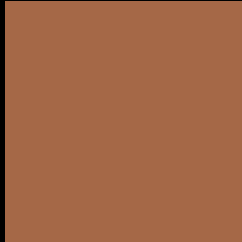
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.4770, -23.4062, 40.8007 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 118.4770, -23.4062, 40.8007

Background



This preview shows how black text looks on a background with the YUV color 118.4770, -23.4062, 40.8007.



This preview shows how white text looks on a background with the YUV color 118.4770, -23.4062, 40.8007.

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

118.4770, -23.4062, 40.8007

Protanopia

117.5010, -19.9670, 10.9616

Deuteranopia

118.1390, -24.2255, 23.5571



Tritanopia

120.5430, -6.6767, 41.6198

Trichromacy



Original Color

118.4770, -23.4062, 40.8007

Protanomaly

118.2250, -21.3099, 21.7277

Deuteranomaly

117.9980, -23.6630, 29.8198

Tritanomaly

119.9360, -12.7864, 41.2751

Monochromacy



Original Color

118.4770, -23.4062, 40.8007

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.2100, -8.4845, 14.7248

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.4770, -23.4062, 40.8007 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(165, 104, 71)` looks like.

```
.text, #text, p{  
    color:rgb(165, 104, 71)  
}
```

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(165, 104, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 104, 71) }
```

Border

The CSS property to change the border of an element to YUV 118.4770, -23.4062, 40.8007 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(165, 104, 71) }
```


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

```
.border{ border-color:rgb(165, 104, 71) }
```

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

Here you see how a box with a 4 pixel rgb(165, 104, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 104, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 104, 71);  
box-shadow:4px 4px 4px 4px rgb(165, 104,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 118.4770, -23.4062, 40.8007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 104, 71) }
```

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

```
.background{ background-color: rgb(165,  
104, 71) }
```

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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