

Converting Colors

YUV(123.0770, -46.8730,
54.3065)

Have a look what the booklet for
YUV(123.0770, -46.8730, 54.3065)
contains.

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Color

**YUV(123.0770, -46.8730,
54.3065)**

Conversions

Conversions Part 1

Format	Color
Hex	B96E1C
RGB	185, 110, 28
RGB Percent	73%, 43%, 11%
CMY	0.2745, 0.5686, 0.8902
CMYK	0.00, 0.41, 0.85, 0.27
HSL	31°, 74%, 42%
HSV	31°, 85%, 73%
XYZ	25.7931, 21.5500, 3.8987
YIQ	123.0770, 71.0220, -9.6020

Conversions

Conversions Part 2

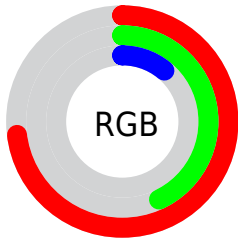
Format	Color
R_{YB}	172, 185, 28
Decimal	12152348
CIE _{Lab}	53.55, 23.94, 53.99
CIE _{LCh}	54, 59.059, 66.083
Yxy	21.5500, 0.5034, 0.4206
Android (android.graphics.Color)	4290342428 (0xFFB96E1C)
YUV	123.0770, -46.8730, 54.3065
Hunter-Lab	46.4220, 17.9403, 27.5159

Details

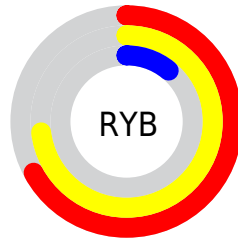
The YUV color **123.0770, -46.8730, 54.3065** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **89.9230, 46.8730, -54.3065**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.7680, -48.1996, 59.8395**, and **74.0680, -36.5155, 45.5444** is the 20% darker color. If you saturate the color by 10%, you get **115.6280, -52.5676, 60.8392**, and if you desaturate by 10%, it is **130.5260, -41.1783, 47.7737**.

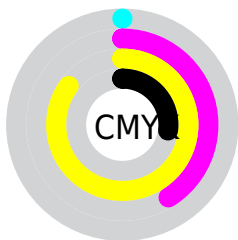
Distribution



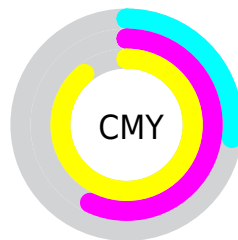
- Red (73%)
- Green (43%)
- Blue (11%)



- Red (67%)
- Yellow (73%)
- Blue (11%)



- Cyan (0%)
- Magenta (41%)
- Yellow (85%)
- Black (27%)



- Cyan (27%)
- Magenta (57%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.0770, -46.8730, 54.3065 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 123.0770, -46.8730, 54.3065 by changing the saturation by 10% instead.

■ 123.0770,
-46.8730, 54.3065

■ 123.0770,
-46.8730, 54.3065

255.0000, 0.0000,
0.0000

■ 96.2400, -47.4463,
51.5325

■ 177.7680,
-48.1996, 59.8395

■ 74.0680, -36.5155,
45.5444

■ 199.2720,
-45.9831, 48.8735

■ 51.8960, -25.5847,
39.5562

■ 218.7860,
-42.2925, 31.7597

■ 30.6100, -15.0907,
33.6680

■ 238.8870,
-38.8913, 14.1311

■ 13.1560, -6.4859,
27.0502

■ 247.2480,
-29.7023, 6.7985

■ 0.0000, 0.0000,
0.0000

■ 250.5540,

-17.0351, 3.8991

253.7460, -4.8048,
1.0998

123.0770,
-46.8730, 54.3065

123.0770,
-46.8730, 54.3065

115.6280,
-52.5676, 60.8392

130.5260,
-41.1783, 47.7737

112.2540,
-55.3412, 63.7982

137.8610,
-35.9205, 41.3409

145.1960,
-30.6626, 34.9081

152.0580,
-24.6786, 28.8901

159.5070,
-18.9840, 22.3574

■ 166.8420,
-13.7261, 15.9246

■ 174.1770, -8.4683,
9.4918

■ 181.6260, -2.7736,
2.9590

■ 189.0750, 2.9210,
-3.5738

Harmonies

Analogous

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



123.1380, -25.7040, 77.9320



123.0770, -46.8730, 54.3065



118.4800, -58.4106, 21.5040

Triad

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



123.0770, -46.8730, 54.3065



104.8420, 15.8539, -91.9464



131.0820, 39.3996, 9.5751

Complementary

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



123.0770, -46.8730, 54.3065



89.9230, 46.8730, -54.3065

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.



103.1170, 62.5533, -90.4336



123.0770, -46.8730, 54.3065



109.3680, 38.2726, -95.9157

Square

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



123.0770, -46.8730, 54.3065



97.0390, -6.4282, -85.1032



109.7220, 54.8601, -96.2262



129.3520, 20.0395, 59.3273

Rectangle

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



123.0770, -46.8730, 54.3065



115.9910, -46.8306, -6.1311



109.7220, 54.8601, -96.2262



127.8450, 45.4324, -12.1421

Sweetspot

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



123.0770, -46.8730, 54.3065



216.1370, -17.8155, 20.9279



83.6070, 10.0537, 88.9217



105.9170, -10.8051, 12.3508



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



123.0770, -46.8730, 54.3065



145.1350, -71.5516, 83.1966



166.2050, -68.1351, 13.8522



88.0390, -2.4842, 3.4738



94.1910, -46.4362, 54.2065



17.1770, -8.4683, 9.4918

Inverse Universe

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



89.9230, 46.8730, -54.3065



94.8650, 71.5516, -83.1966



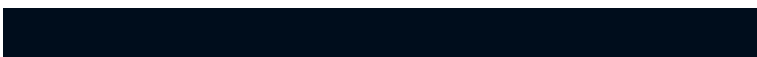
46.7950, 68.1351, -13.8522



86.3740, 2.7736, -2.9590



61.2220, 46.7256, -53.6917



10.8230, 8.4683, -9.4918

Previews

White Background



This preview shows how the YUV color 123.0770, -46.8730, 54.3065 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 123.0770, -46.8730, 54.3065 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 123.0770, -46.8730, 54.3065

Background



This preview shows how black text looks on a background with the YUV color 123.0770, -46.8730, 54.3065.



This preview shows how white text looks on a background with the YUV color 123.0770, -46.8730,

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

123.0770, -46.8730, 54.3065

Protanopia

122.5410, -44.1437, 18.8195

Deuteranopia

122.4460, -50.0129, 34.6889



Tritanopia

129.5120, -9.6194, 52.1710

Trichromacy



Original Color

123.0770, -46.8730, 54.3065

Protanomaly

122.6890, -45.2027, 31.8447

Deuteranomaly

122.8320, -48.7242, 41.3663

Tritanomaly

127.5540, -23.4441, 53.0111

Monochromacy



Original Color

123.0770, -46.8730, 54.3065

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.9520, -17.2313, 20.2131

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.0770, -46.8730, 54.3065 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(185, 110, 28)` looks like.

```
.text, #text, p{  
    color:rgb(185, 110, 28)  
}
```

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(185, 110, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 110, 28) }
```

Border

The CSS property to change the border of an element to YUV 123.0770, -46.8730, 54.3065 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(185, 110, 28) }
```


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

```
.border{ border-color:rgb(185, 110, 28) }
```

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

Here you see how a box with a 4 pixel rgb(185, 110, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 110, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 110, 28);  
box-shadow:4px 4px 4px 4px rgb(185, 110,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 123.0770, -46.8730, 54.3065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 110, 28) }
```

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

```
.background{ background-color: rgb(185,  
110, 28) }
```

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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