

Converting Colors

YUV(98.4600, -30.7928,
76.7726)

Have a look what the booklet for
YUV(98.4600, -30.7928, 76.7726)
contains.

YUV(98.4600, -30.7928, 76.7726)	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(98.4600, -30.7928,
76.7726)**

Conversions

Conversions Part 1

Format	Color
Hex	BA4224
RGB	186, 66, 36
RGB Percent	73%, 26%, 14%
CMY	0.2706, 0.7412, 0.8588
CMYK	0.00, 0.65, 0.81, 0.27
HSL	12°, 68%, 44%
HSV	12°, 81%, 73%
XYZ	22.5164, 14.4629, 3.2739
YIQ	98.4600, 81.1500, 16.1100

Conversions

Conversions Part 2

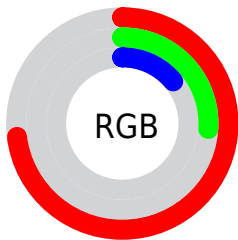
Format	Color
R_{YB}	186, 74, 36
Decimal	12206628
CIE _{Lab}	44.89, 46.92, 42.79
CIE _{LCh}	45, 63.504, 42.362
Yxy	14.4629, 0.5594, 0.3593
Android (android.graphics.Color)	4290396708 (0xFFBA4224)
YUV	98.4600, -30.7928, 76.7726
Hunter-Lab	38.0301, 39.1311, 21.5169

Details

The YUV color **98.4600, -30.7928, 76.7726** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **123.5400, 30.7928, -76.7726**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.4670, -34.7402, 82.9054**, and **37.9620, -18.7153, 76.3323** is the 20% darker color. If you saturate the color by 10%, you get **87.4890, -34.7511, 86.3941**, and if you desaturate by 10%, it is **109.4310, -26.8345, 67.1510**.

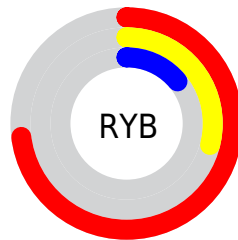
Distribution



Red (73%)

Green (26%)

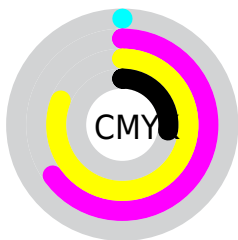
Blue (14%)



Red (73%)

Yellow (29%)

Blue (14%)

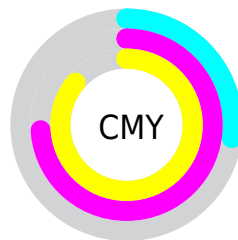


Cyan (0%)

Magenta (65%)

Yellow (81%)

Black (27%)



Cyan (27%)

Magenta (74%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.4600, -30.7928, 76.7726 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 98.4600, -30.7928, 76.7726 by changing the saturation by 10% instead.

■ 98.4600, -30.7928,
76.7726

■ 98.4600, -30.7928,
76.7726

255.0000, 0.0000,
0.0000

■ 70.0190, -28.6034,
74.5283

■ 153.4670,
-34.7402, 82.9054

■ 37.9620, -18.7153,
76.3323

■ 174.2590,
-32.6657, 70.8099

■ 28.4050, -14.0037,
58.4038

■ 193.6590,
-29.4119, 53.7961

■ 19.7340, -9.7289,
40.5753

■ 213.0590,
-26.1581, 36.7823

■ 11.4760, -5.1647,
23.2615

■ 233.2740,
-22.3201, 19.0537

■ 0.0000, 0.0000,
0.0000

■ 250.5540,

-17.0351, 3.8991

253.7460, -4.8048,
1.0998

98.4600, -30.7928,
76.7726

98.4600, -30.7928,
76.7726

87.4890, -34.7511,
86.3941

109.4310,
-26.8345, 67.1510

77.3330, -38.1252,
95.3010

120.2880,
-23.3130, 57.6294

131.2590,
-19.3547, 48.0079

142.1160,
-15.8332, 38.4863

152.5000,
-11.5855, 29.3795

■ 163.4710, -7.6272,
19.7579

■ 174.3280, -4.1057,
10.2363

■ 185.2990, -0.1474,
0.6148

■ 196.1560, 3.3741,
-8.9068

Harmonies

Analogous

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



94.3610, -3.6290, 90.8914



98.4600, -30.7928, 76.7726



100.0500, -49.3246, 47.3142

Triad

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



98.4600, -30.7928, 76.7726



83.3440, -5.5926, -73.0927



85.6890, 61.7783, -75.1493

Complementary

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



98.4600, -30.7928, 76.7726



123.5400, 30.7928, -76.7726

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.



94.7390, 55.8377, -83.0861



98.4600, -30.7928, 76.7726



90.7880, 17.8525, -79.6211

Square

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



98.4600, -30.7928, 76.7726



85.9100, -37.4236, -36.7551



95.3140, 40.2712, -83.5904



109.0020, 37.4670, 22.8002

Rectangle

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



98.4600, -30.7928, 76.7726



99.0100, -48.8119, 22.7932



95.3140, 40.2712, -83.5904



90.0260, 60.6262, -78.9528

Sweetspot

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



98.4600, -30.7928, 76.7726



208.3860, -12.0223, 29.4795



94.5300, 30.3047, 80.2192



101.5740, -7.1850, 17.9136



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



98.4600, -30.7928, 76.7726



104.8540, -48.2420, 120.2770



142.4850, -52.4971, 38.1627



86.2780, -1.6161, 5.0182



64.8410, -31.9666, 79.9464



11.8940, -5.8637, 14.1250

Inverse Universe

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



123.5400, 30.7928, -76.7726



144.1460, 48.2420, -120.2770



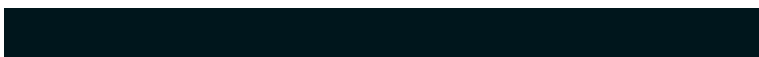
79.5150, 52.4971, -38.1627



88.1350, 1.9054, -4.5034



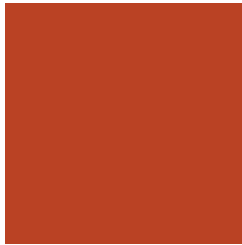
90.5720, 32.2560, -79.4316



16.1060, 5.8637, -14.1250

Previews

White Background



This preview shows how the YUV color 98.4600, -30.7928, 76.7726 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 98.4600, -30.7928, 76.7726 looks on a black 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

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

YUV 98.4600, -30.7928, 76.7726

Background



This preview shows how black text looks on a background with the YUV color 98.4600, -30.7928, 76.7726.



This preview shows how white text looks on a background with the YUV color 98.4600, -30.7928,

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

98.4600, -30.7928, 76.7726

Protanopia

103.7480, -27.9768, 13.3760

Deuteranopia

102.5020, -38.2085, 28.5007



Tritanopia

100.4180, -16.9681, 75.9324

Trichromacy



Original Color

98.4600, -30.7928, 76.7726

Protanomaly

101.6630, -28.9209, 36.2525

Deuteranomaly

101.0080, -35.4999, 46.4740

Tritanomaly

99.7510, -22.0622, 76.5174

Monochromacy



Original Color

98.4600, -30.7928, 76.7726

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.9020, -11.2907, 28.1499

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.4600, -30.7928, 76.7726 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(186, 66, 36)` looks like.

```
.text, #text, p{  
    color:rgb(186, 66, 36)  
}
```

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(186, 66, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 66, 36) }
```

Border

The CSS property to change the border of an element to YUV 98.4600, -30.7928, 76.7726 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(186, 66, 36) }
```


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

```
.border{ border-color:rgb(186, 66, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 66, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 66, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 66, 36);  
box-shadow:4px 4px 4px 4px rgb(186, 66,  
36) }
```

Background

The CSS property to change the background color of an element to YUV 98.4600, -30.7928, 76.7726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 66, 36) }
```

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

```
.background{ background-color: rgb(186, 66,  
36) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor