

Converting Colors

YUV(98.0430, -28.6152,
31.5343)

Have a look what the booklet for
YUV(98.0430, -28.6152, 31.5343)
contains.

YUV(98.0430, -28.6152, 31.5343)	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(98.0430, -28.6152,
31.5343)**

Conversions

Conversions Part 1

Format	Color
Hex	865B28
RGB	134, 91, 40
RGB Percent	53%, 36%, 16%
CMY	0.4745, 0.6431, 0.8431
CMYK	0.00, 0.32, 0.70, 0.47
HSL	33°, 54%, 34%
HSV	33°, 70%, 53%
XYZ	13.9556, 12.7037, 3.7240
YIQ	98.0430, 41.9990, -6.7450

Conversions

Conversions Part 2

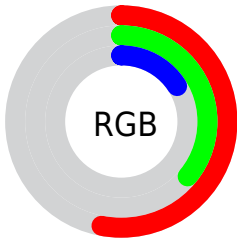
Format	Color
R_{YB}	119, 134, 40
Decimal	8805160
CIE Lab	42.31, 12.43, 35.62
CIE LCh	42, 37.726, 70.766
Yxy	12.7037, 0.4593, 0.4181
Android (android.graphics.Color)	4286995240 (0xFF865B28)
YUV	98.0430, -28.6152, 31.5343
Hunter-Lab	35.6423, 7.5171, 18.7548

Details

The YUV color **98.0430, -28.6152, 31.5343** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **75.9570, 28.6152, -31.5343**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.6090, -30.3732, 35.4229**, and **50.6340, -24.9626, 26.6310** is the 20% darker color. If you saturate the color by 10%, you get **93.0390, -32.5572, 35.9228**, and if you desaturate by 10%, it is **103.0470, -24.6732, 27.1458**.

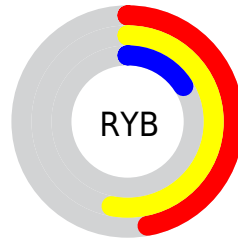
Distribution



Red (53%)

Green (36%)

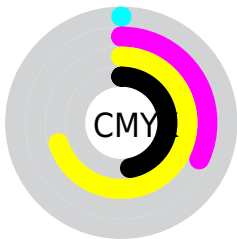
Blue (16%)



Red (47%)

Yellow (53%)

Blue (16%)

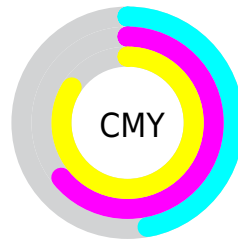


Cyan (0%)

Magenta (32%)

Yellow (70%)

Black (47%)



Cyan (47%)


Magenta (64%)


Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YUV color 98.0430, -28.6152, 31.5343 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 98.0430, -28.6152, 31.5343 by changing the saturation by 10% instead.


 98.0430, -28.6152,
31.5343


 98.0430, -28.6152,
31.5343


255.0000, 0.0000,
0.0000

 73.8470, -28.0256,
29.0752


 149.6090,
-30.3732, 35.4229


 50.6340, -24.9626,
26.6310

 176.9790,
-31.5416, 36.8524

 30.5330, -15.0528,
21.4576

 204.7620,
-32.4207, 38.7967

 9.2690, -4.5696,
19.0581

 225.9560,
-30.0513, 25.4716

 0.0000, 0.0000,
0.0000

 245.5840,
-25.9239, 8.2578

 251.1240,

-14.8511, 3.3993

254.3160, -2.6208,
0.5999

98.0430, -28.6152,
31.5343

98.0430, -28.6152,
31.5343

93.0390, -32.5572,
35.9228

103.0470,
-24.6732, 27.1458

87.9210, -36.9361,
40.4113

108.1650,
-20.2943, 22.6573

82.9170, -40.8781,
44.7998

113.1690,
-16.3523, 18.2688

118.8740,
-12.2629, 13.2655

123.8780, -8.3209,
8.8770

■ 128.8820, -4.3788,
4.4885

■ 134.0000, 0.0000,
0.0000

■ 139.0040, 3.9420,
-4.3885

■ 144.1220, 8.3209,
-8.8770

Harmonies

Analogous

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



98.7750, -18.6231, 46.6783



98.0430, -28.6152, 31.5343



95.8570, -30.0025, 9.7724

Triad

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



98.0430, -28.6152, 31.5343



80.0450, 14.7678, -70.1995



102.8100, 21.7857, 12.4446

Complementary

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



98.0430, -28.6152, 31.5343



75.9570, 28.6152, -31.5343

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.



95.9020, 32.0933, -27.1011



98.0430, -28.6152, 31.5343



82.8780, 28.1611, -72.6840

Square

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



98.0430, -28.6152, 31.5343



80.8930, -1.4262, -56.0342



81.9950, 37.4705, -71.9096



102.0600, 9.3374, 38.5354

Rectangle

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



98.0430, -28.6152, 31.5343



93.2400, -24.2753, -7.2265



81.9950, 37.4705, -71.9096



101.3570, 25.4600, 0.5639

Sweetspot

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



98.0430, -28.6152, 31.5343



159.5040, -11.0945, 11.8360



73.1220, 5.3629, 53.3900



78.6220, -6.7156, 7.3475



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



98.0430, -28.6152, 31.5343



117.7280, -44.2359, 48.4735



122.3870, -40.6168, 7.5536



63.5550, -1.7526, 2.1443



80.5470, -39.7097, 43.3703



1.4840, -0.7316, 1.3295

Inverse Universe

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



75.9570, 28.6152, -31.5343



83.2720, 44.2359, -48.4735



51.6130, 40.6168, -7.5536



62.4450, 1.7526, -2.1443



49.4530, 39.7097, -43.3703



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 98.0430, -28.6152, 31.5343 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 98.0430, -28.6152, 31.5343 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 98.0430, -28.6152, 31.5343

Background



This preview shows how black text looks on a background with the YUV color 98.0430, -28.6152, 31.5343.



This preview shows how white text looks on a background with the YUV color 98.0430, -28.6152,

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

98.0430, -28.6152, 31.5343

Protanopia

97.0900, -26.6664, 13.0761

Deuteranopia

97.5860, -28.8829, 24.0421



Tritanopia

101.9330, -4.8970, 30.7538

Trichromacy



Original Color

98.0430, -28.6152, 31.5343

Protanomaly

97.6070, -27.4143, 19.6387

Deuteranomaly

97.8960, -29.0357, 26.4012

Tritanomaly

100.6420, -13.6275, 31.0090

Monochromacy



Original Color

98.0430, -28.6152, 31.5343

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.7320, -10.2209, 11.6360

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.0430, -28.6152, 31.5343 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(134, 91, 40)` looks like.

```
.text, #text, p{  
    color:rgb(134, 91, 40)  
}
```

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(134, 91, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 91, 40) }
```

Border

The CSS property to change the border of an element to YUV 98.0430, -28.6152, 31.5343 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(134, 91, 40) }
```


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

```
.border{ border-color:rgb(134, 91, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 91, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 91, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 91, 40);  
box-shadow:4px 4px 4px 4px rgb(134, 91,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 98.0430, -28.6152, 31.5343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 91, 40) }
```

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

```
.background{ background-color: rgb(134, 91,  
40) }
```

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