

Converting Colors

YUV(78.0030, -0.9875, 36.8314)

Have a look what the booklet for
YUV(78.0030, -0.9875, 36.8314)
contains.

YUV(78.0030, -0.9875, 36.8314)	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(78.0030, -0.9875,
36.8314)**

Conversions

Conversions Part 1

Format	Color
Hex	78394C
RGB	120, 57, 76
RGB Percent	47%, 22%, 30%
CMY	0.5294, 0.7765, 0.7020
CMYK	0.00, 0.53, 0.37, 0.53
HSL	342°, 36%, 35%
HSV	342°, 52%, 47%
XYZ	10.5134, 7.4411, 7.7196
YIQ	78.0030, 31.4490, 19.2650

Conversions

Conversions Part 2

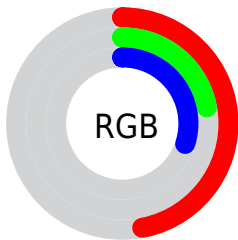
Format	Color
R_{YB}	120, 57, 76
Decimal	7878988
CIE _{Lab}	32.79, 29.71, 1.35
CIE _{LCh}	33, 29.740, 2.592
Yxy	7.4411, 0.4095, 0.2898
Android (android.graphics.Color)	4286069068 (0xFF78394C)
YUV	78.0030, -0.9875, 36.8314
Hunter-Lab	27.2784, 21.0583, 2.3162

Details

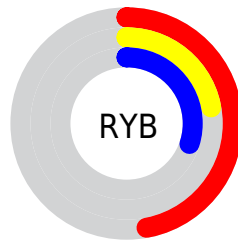
The YUV color **78.0030, -0.9875, 36.8314** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **98.9970, 0.9875, -36.8314**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.4980, -1.7245, 39.9053**, and **28.6760, 1.6387, 34.4871** is the 20% darker color. If you saturate the color by 10%, you get **70.0470, -1.0092, 43.8088**, and if you desaturate by 10%, it is **85.9590, -0.9658, 29.8540**.

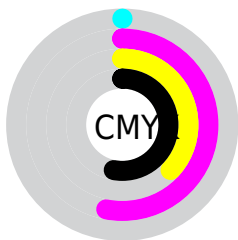
Distribution



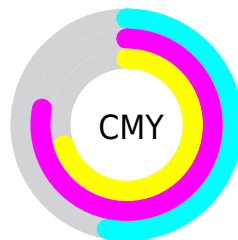
- Red (47%)
- Green (22%)
- Blue (30%)



- Red (47%)
- Yellow (22%)
- Blue (30%)



- Cyan (0%)
- Magenta (53%)
- Yellow (37%)
- Black (53%)





- Cyan (53%)
- Magenta (78%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YUV color 78.0030, -0.9875, 36.8314 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 78.0030, -0.9875, 36.8314 by changing the saturation by 10% instead.


 78.0030, -0.9875,
36.8314

 78.0030, -0.9875,
36.8314


255.0000, 0.0000,
0.0000


 53.5190, -0.2559,
35.5018

 128.4980, -1.7245,
39.9053


 28.6760, 1.6387,
34.4871

 155.3950, -2.1667,
41.7496

 14.6660, -3.2863,
27.4799

 181.9930, -2.4615,
42.9791

 0.0000, 0.0000,
0.0000

 208.7970, -1.8719,
40.5200

 228.4250, 2.2555,
23.3063

 247.3690, 3.7621,

6.6924

■ 78.0030, -0.9875,
36.8314

■ 78.0030, -0.9875,
36.8314

■ 70.0470, -1.0092,
43.8088

■ 85.9590, -0.9658,
29.8540

■ 61.9770, -1.4677,
50.8862

■ 94.0290, -0.5073,
22.7766

■ 54.0210, -1.4894,
57.8636

■ 101.9850, -0.4856,
15.7992

■ 45.9510, -1.9478,
64.9410

■ 110.0550, -0.0271,
8.7218

■ 39.9840, -1.9641,
70.1740

■ 118.0110, -0.0054,
1.7444

■ 125.9670, 0.0163,
-5.2331

■ 134.0370, 0.4748,
-12.3104

■ 141.9930, 0.4965,
-19.2879

■ 149.9490, 0.5181,
-26.2653

Harmonies

Analogous

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



79.3850, 9.6702, 25.0954



78.0030, -0.9875, 36.8314



76.8430, -11.7546, 36.9717

Triad

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



78.0030, -0.9875, 36.8314



72.2600, -17.8762, -6.3670



63.3470, 26.9439, -55.5553

Complementary

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



78.0030, -0.9875, 36.8314



98.9970, 0.9875, -36.8314

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.



63.2840, 19.0870, -55.5001



78.0030, -0.9875, 36.8314



67.2060, -6.0176, -29.9987

Square

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



78.0030, -0.9875, 36.8314



75.0020, -23.1720, 12.2762



61.1350, 8.3144, -53.6154



71.8710, 25.6996, -29.7049

Rectangle

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



78.0030, -0.9875, 36.8314



76.6160, -17.5587, 31.9088



61.1350, 8.3144, -53.6154



64.0650, 24.6180, -56.1850

Sweetspot

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



78.0030, -0.9875, 36.8314



139.2730, -0.6276, 14.6696



77.0390, 21.1798, 20.1368



69.0550, -0.0271, 8.7218



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



78.0030, -0.9875, 36.8314



90.6080, -1.7787, 57.3488



82.8810, -12.7593, 32.5534



57.0220, -0.0108, 3.4887



41.7070, -1.8276, 73.0480



84.0120, -3.9499, 147.3255

Inverse Universe

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



78.0030, -0.9875, 36.8314



90.6080, -1.7787, 57.3488



94.1190, 12.7593, -32.5534



57.0220, -0.0108, 3.4887



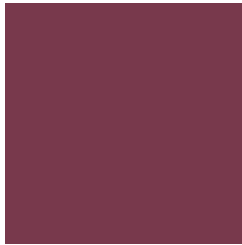
41.7070, -1.8276, 73.0480



84.0120, -3.9499, 147.3255

Previews

White Background



This preview shows how the YUV color 78.0030, -0.9875, 36.8314 looks on a white background.

Color Contrast Check

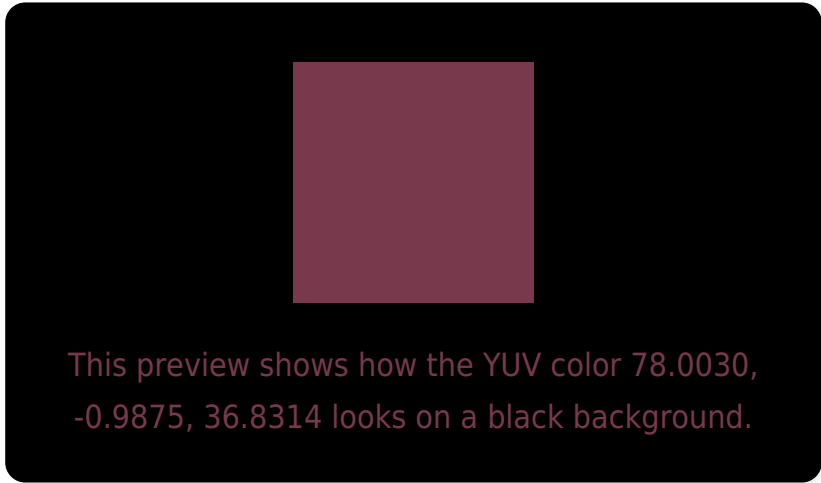
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

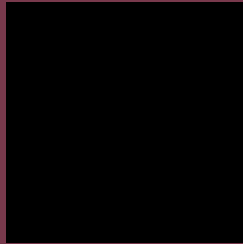
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.0030, -0.9875, 36.8314

Background



This preview shows how black text looks on a background with the YUV color 78.0030, -0.9875, 36.8314.



This preview shows how white text looks on a background with the YUV color 78.0030, -0.9875,

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

78.0030, -0.9875, 36.8314

Protanopia

77.9550, 4.9522, -1.7145

Deuteranopia

78.3600, -2.6425, 7.5773



Tritanopia

77.5100, -6.6604, 36.3867

Trichromacy



Original Color

78.0030, -0.9875, 36.8314

Protanomaly

78.1740, 2.8722, 12.1254

Deuteranomaly

77.9530, -1.9488, 18.4582

Tritanomaly

77.3790, -4.6238, 36.5016

Monochromacy



Original Color

78.0030, -0.9875, 36.8314

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.6750, -0.3328, 13.4400

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.0030, -0.9875, 36.8314 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(120, 57, 76)` looks like.

```
.text, #text, p{  
    color:rgb(120, 57, 76)  
}
```

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(120, 57, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 57, 76) }
```

Border

The CSS property to change the border of an element to YUV 78.0030, -0.9875, 36.8314 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(120, 57, 76) }
```


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

```
.border{ border-color:rgb(120, 57, 76) }
```

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

Here you see how a box with a 4 pixel rgb(120, 57, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 57, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 57, 76);  
box-shadow:4px 4px 4px 4px rgb(120, 57,  
76) }
```

Background

The CSS property to change the background color of an element to YUV 78.0030, -0.9875, 36.8314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 57, 76) }
```

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

```
.background{ background-color: rgb(120, 57,  
76) }
```

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