

# Converting Colors

YUV(75.3340, -2.6297, 97.0541)

Have a look what the booklet for  
YUV(75.3340, -2.6297, 97.0541)  
contains.

<b>YUV(75.3340, -2.6297, 97.0541)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(75.3340, -2.6297,  
97.0541)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BA1446
RGB	186, 20, 70
RGB Percent	73%, 8%, 27%
CMY	0.2706, 0.9216, 0.7255
CMYK	0.00, 0.89, 0.62, 0.27
HSL	342°, 81%, 40%
HSV	342°, 89%, 73%
XYZ	21.6053, 11.3816, 6.8525
YIQ	75.3340, 82.8860, 50.7420

# Conversions

## Conversions Part 2

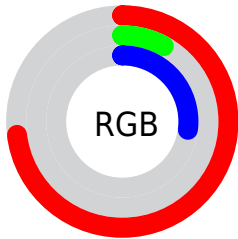
Format	Color
R <sub>Y</sub> B	186, 20, 70
Decimal	12194886
CIE Lab	40.22, 62.84, 17.37
CIE LCh	40, 65.195, 15.452
Yxy	11.3816, 0.5423, 0.2857
Android (android.graphics.Color)	4290384966 (0xFFBA1446)
YUV	75.3340, -2.6297, 97.0541
Hunter-Lab	33.7366, 55.2744, 11.5728

# Details

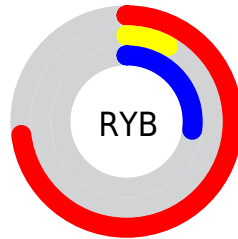
The YUV color **75.3340, -2.6297, 97.0541** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **130.6660, 2.6297, -97.0541**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.8470, -10.7706, 94.8502**, and **40.5670, -6.1955, 74.0477** is the 20% darker color. If you saturate the color by 10%, you get **62.6990, -2.8096, 108.1350**, and if you desaturate by 10%, it is **87.9690, -2.4497, 85.9732**.

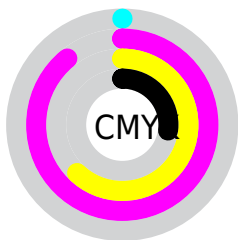
# Distribution



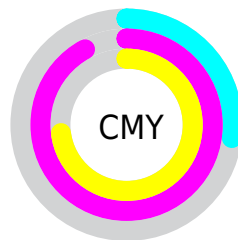
- Red (73%)
- Green (8%)
- Blue (27%)



- Red (73%)
- Yellow (8%)
- Blue (27%)



- Cyan (0%)
- Magenta (89%)
- Yellow (62%)
- Black (27%)




- Cyan (27%)
- Magenta (92%)
- Yellow (73%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 75.3340, -2.6297, 97.0541 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 75.3340, -2.6297, 97.0541 by changing the saturation by 10% instead.




 75.3340, -2.6297,  
97.0541

 75.3340, -2.6297,  
97.0541


255.0000, 0.0000,  
0.0000


 51.8170, -1.8818,  
90.4915


 139.8470,  
-10.7706, 94.8502


 40.5670, -6.1955,  
74.0477


 161.2260, -8.9854,  
82.2398

 28.7040, -14.1511,  
59.0186

 181.3270, -5.5842,  
64.6112

 20.6740, -8.7133,  
41.5049

 200.8410, -1.8936,  
47.4974

 10.2800, -4.5750,  
20.8024

 221.6430, 1.6550,  
29.2541

 0.0000, 0.0000,  
0.0000

 241.9720, 5.9298,

11.4256

■ 75.3340, -2.6297,  
97.0541

■ 75.3340, -2.6297,  
97.0541

■ 62.6990, -2.8096,  
108.1350

■ 87.9690, -2.4497,  
85.9732

■ 61.9980, -2.9570,  
108.7498

■ 100.0170, -1.9804,  
75.4071

■ 112.6520, -1.8004,  
64.3262

■ 124.7000, -1.3311,  
53.7601

■ 137.3350, -1.1512,  
42.6792

■ 149.9700, -0.9712,  
31.5983

■ 162.0180, -0.5019,  
21.0322

■ 174.6530, -0.3219,  
9.9513

■ 186.7010, 0.1474,  
-0.6148

# Harmonies

## Analogous

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



82.7830, 19.8270, 80.8743



75.3340, -2.6297, 97.0541



85.2380, -34.1343, 75.2133

# Triad

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



75.3340, -2.6297, 97.0541



66.0540, -32.5646, -55.2984



86.6690, 55.3792, -76.0087

# Complementary

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



75.3340, -2.6297, 97.0541



130.6660, 2.6297, -97.0541

# 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.



87.4720, 40.6863, -76.7129



75.3340, -2.6297, 97.0541



75.6160, -4.7407, -66.3152

# Square

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



75.3340, -2.6297, 97.0541



86.1970, -42.4951, 3.3352



82.5870, 19.4306, -72.4288



76.6900, 60.2988, -67.2571



# Rectangle

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



75.3340, -2.6297, 97.0541



88.8750, -43.8154, 53.6066



82.5870, 19.4306, -72.4288



87.6320, 51.4534, -76.8533

# Sweetspot

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



75.3340, -2.6297, 97.0541



198.7150, -0.8455, 37.9609



72.7110, 55.8515, 52.8735



96.0290, -0.5073, 22.7766



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.



75.3340, -2.6297, 97.0541



80.6800, -3.7862, 141.4776



87.2440, -33.1513, 86.6090



85.9190, -0.4531, 5.3330



52.0020, -2.4660, 91.2062



9.2840, -0.6330, 16.4139



# Inverse Universe

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



75.3340, -2.6297, 97.0541



80.6800, -3.7862, 141.4776



118.7560, 33.1513, -86.6090



85.9190, -0.4531, 5.3330



52.0020, -2.4660, 91.2062



9.2840, -0.6330, 16.4139



# Previews

## White Background



This preview shows how the YUV color 75.3340, -2.6297, 97.0541 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 75.3340, -2.6297, 97.0541 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

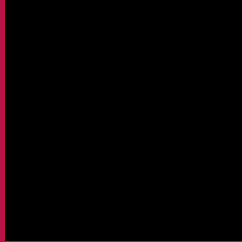
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 75.3340, -2.6297, 97.0541**

## **Background**



This preview shows how black text looks on a background with the YUV color 75.3340, -2.6297, 97.0541.



This preview shows how white text looks on a background with the YUV color 75.3340, -2.6297,



# 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

75.3340, -2.6297, 97.0541

### Protanopia

96.8690, 2.0366, 0.1149

### Deuteranopia

95.7560, -16.6417, 17.7540



## Tritanopia

78.3340, -22.8427, 93.5461

# Trichromacy



## Original Color

75.3340, -2.6297, 97.0541

## Protanomaly

88.7470, 0.6177, 35.3019

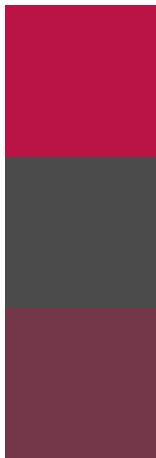
## Deuteranomaly

88.3110, -11.4923, 46.2083

## Tritanomaly

76.9950, -15.2805, 94.7204

# Monochromacy



## Original Color

75.3340, -2.6297, 97.0541

## Achromatopsia

75.0000, 0.0000, 0.0000

## Achromatomaly

74.9920, -0.9821, 35.0870

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 75.3340, -2.6297, 97.0541 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, 20, 70)` looks like.

```
.text, #text, p{  
    color:rgb(186, 20, 70)  
}
```

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, 20, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 20, 70) }
```

## Border

The CSS property to change the border of an element to YUV 75.3340, -2.6297, 97.0541 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, 20, 70) }
```



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

```
.border{ border-color:rgb(186, 20, 70) }
```

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

Here you see how a box with a 4 pixel rgb(186, 20, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 20, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 20, 70);  
box-shadow:4px 4px 4px 4px rgb(186, 20,  
70) }
```

# Background

The CSS property to change the background color of an element to YUV 75.3340, -2.6297, 97.0541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 20, 70) }
```

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

```
.background{ background-color: rgb(186, 20,  
70) }
```

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