

Converting Colors

YUV(97.3340, 37.3033, 28.6481)

Have a look what the booklet for
YUV(97.3340, 37.3033, 28.6481)
contains.

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Color

**YUV(97.3340, 37.3033,
28.6481)**

Conversions

Conversions Part 1

Format	Color
Hex	8242AD
RGB	130, 66, 173
RGB Percent	51%, 26%, 68%
CMY	0.4902, 0.7412, 0.3216
CMYK	0.25, 0.62, 0.00, 0.32
HSL	276°, 45%, 47%
HSV	276°, 62%, 68%
XYZ	18.6970, 11.6594, 40.8002
YIQ	97.3340, 3.7970, 46.8450

Conversions

Conversions Part 2

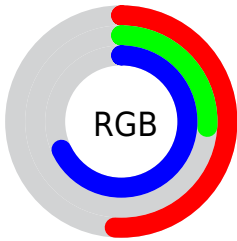
Format	Color
R_{YB}	130, 66, 173
Decimal	8536749
CIE _{Lab}	40.67, 46.53, -46.48
CIE _{LCh}	41, 65.767, 315.027
Yxy	11.6594, 0.2628, 0.1639
Android (android.graphics.Color)	4286726829 (0xFF8242AD)
YUV	97.3340, 37.3033, 28.6481
Hunter-Lab	34.1458, 37.9846, -46.9424

Details

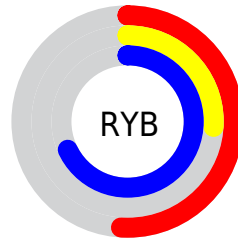
The YUV color **97.3340, 37.3033, 28.6481** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **141.6660, -37.3033, -28.6481**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.3990, 38.7503, 31.2221**, and **43.4480, 37.7401, 28.5481** is the 20% darker color. If you saturate the color by 10%, you get **85.2620, 43.2548, 33.0962**, and if you desaturate by 10%, it is **109.4060, 31.3518, 24.1999**.

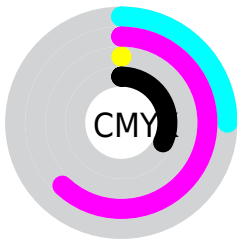
Distribution



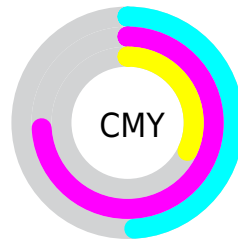
- Red (51%)
- Green (26%)
- Blue (68%)



- Red (51%)
- Yellow (26%)
- Blue (68%)



- Cyan (25%)
- Magenta (62%)
- Yellow (0%)
- Black (32%)



- Cyan (49%)
- Magenta (74%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.3340, 37.3033, 28.6481 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 97.3340, 37.3033, 28.6481 by changing the saturation by 10% instead.

97.3340, 37.3033,
28.6481

97.3340, 37.3033,
28.6481

255.0000, 0.0000,
0.0000

71.5080, 36.7246,
27.6185

150.3990, 38.7503,
31.2221

43.4480, 37.7401,
28.5481

177.5840, 38.1661,
31.9368

25.6660, 33.6887,
21.3409

202.4030, 25.9303,
36.4806

16.0530, 26.5959,
9.6005

222.1280, 16.2059,
28.8287

5.3580, 20.5295,
-4.6990

239.1510, 7.8136,
13.8996

3.4370, 10.6306,
-3.0142

0.0000, 0.0000,

0.0000

■ 97.3340, 37.3033,
28.6481

■ 97.3340, 37.3033,
28.6481

■ 85.2620, 43.2548,
33.0962

■ 109.4060, 31.3518,
24.1999

■ 72.6030, 49.4957,
38.0592

■ 122.0650, 25.1110,
19.2370

■ 60.5310, 55.4472,
42.5073

■ 134.1370, 19.1595,
14.7889

■ 50.5190, 60.3831,
46.0258

■ 146.2090, 13.2080,
10.3407

■ 158.8680, 6.9671,
5.3778

■ 170.9400, 1.0156,
0.9296

■ 183.0120, -4.9359,
-3.5185

■ 195.0840,
-10.8874, -7.9667

■ 207.7430,
-17.1283, -12.9296

Harmonies

Analogous

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



78.0920, 60.5936, -68.4867



97.3340, 37.3033, 28.6481



84.1960, 20.1164, 81.3891

Triad

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



97.3340, 37.3033, 28.6481



90.2820, -44.5090, 42.7257



83.7610, 18.8518, -73.4584

Complementary

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



97.3340, 37.3033, 28.6481



141.6660, -37.3033, -28.6481

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.



76.2030, -5.0301, -66.8300



97.3340, 37.3033, 28.6481



87.3820, -43.0793, 4.0500

Square

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



97.3340, 37.3033, 28.6481



86.0640, -33.5556, 76.2429



67.8370, -33.4436, -53.3540



88.2870, 41.2705, -77.4277

Rectangle

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



97.3340, 37.3033, 28.6481



73.9890, 7.4004, 99.9876



67.8370, -33.4436, -53.3540



81.7090, 10.9895, -71.6588

Sweetspot

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



97.3340, 37.3033, 28.6481



194.2630, 14.6603, 11.1703



104.6130, 33.7148, -33.8636



93.7480, 8.9982, 7.2370



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



97.3340, 37.3033, 28.6481



106.8240, 57.7678, 44.8814



109.1650, 27.0337, 55.9833



80.5210, 3.1941, 2.1741



44.0100, 52.2531, 40.3332



6.8080, 7.9827, 6.3074

Inverse Universe

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



102.8950, 3.0098, 61.4821



115.2720, 4.7959, 95.3545



129.8350, -27.0337, -55.9833



81.1470, 0.4205, 5.1331



51.6900, 4.0968, 86.2179



7.9030, 0.5408, 13.2401

Previews

White Background



This preview shows how the YUV color 97.3340, 37.3033, 28.6481 looks on a white background.

Color Contrast Check

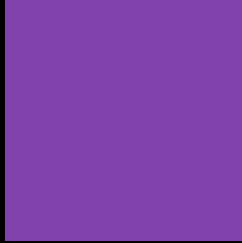
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.3340, 37.3033, 28.6481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

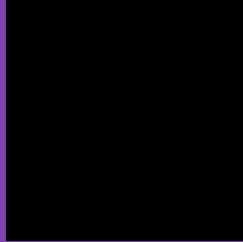
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.3340, 37.3033, 28.6481

Background



This preview shows how black text looks on a background with the YUV color 97.3340, 37.3033, 28.6481.



This preview shows how white text looks on a background with the YUV color 97.3340, 37.3033,

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

97.3340, 37.3033, 28.6481

Protanopia

77.0490, 59.1358, -67.5720

Deuteranopia

87.9370, 38.9781, -42.0407



Tritanopia

97.4690, -1.2172, 17.1287

Trichromacy



Original Color

97.3340, 37.3033, 28.6481



Protanomaly

84.2060, 51.1704, -32.6297



Deuteranomaly

91.5750, 38.1705, -16.2903



Tritanomaly

97.4600, 12.5912, 21.5216

Monochromacy



Original Color

97.3340, 37.3033, 28.6481



Achromatopsia

97.0000, 0.0000, 0.0000



Achromatomaly

97.3230, 13.6448, 10.2407

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.3340, 37.3033, 28.6481 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(130, 66, 173)` looks like.

```
.text, #text, p{  
    color:rgb(130, 66, 173)  
}
```

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(130, 66, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 66, 173) }
```

Border

The CSS property to change the border of an element to YUV 97.3340, 37.3033, 28.6481 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(130, 66, 173) }
```


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

```
.border{ border-color:rgb(130, 66, 173) }
```

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

Here you see how a box with a 4 pixel rgb(130, 66, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 66, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 66, 173);  
box-shadow:4px 4px 4px 4px rgb(130, 66,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 97.3340, 37.3033, 28.6481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 66, 173) }
```

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

```
.background{ background-color: rgb(130, 66,  
173) }
```

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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