

Converting Colors

YUV(103.1490, 37.8875,
27.9333)

Have a look what the booklet for
YUV(103.1490, 37.8875, 27.9333)
contains.

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Color

**YUV(103.1490, 37.8875,
27.9333)**

Conversions

Conversions Part 1

Format	Color
Hex	8748B4
RGB	135, 72, 180
RGB Percent	53%, 28%, 71%
CMY	0.4706, 0.7176, 0.2941
CMYK	0.25, 0.60, 0.00, 0.29
HSL	275°, 43%, 49%
HSV	275°, 60%, 71%
XYZ	20.5473, 13.0809, 44.6219
YIQ	103.1490, 2.8800, 46.9440

Conversions

Conversions Part 2

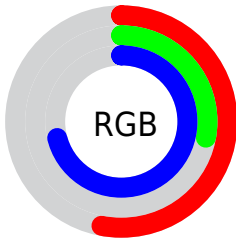
Format	Color
RYB	135, 72, 180
Decimal	8865972
CIELab	42.88, 46.27, -47.03
CIElCh	43, 65.975, 314.532
Yxy	13.0809, 0.2626, 0.1672
Android (android.graphics.Color)	4287056052 (0xFF8748B4)
YUV	103.1490, 37.8875, 27.9333
Hunter-Lab	36.1675, 38.1150, -47.8321

Details

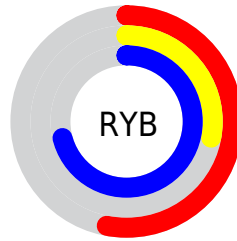
The YUV color **103.1490, 37.8875, 27.9333** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **148.8510, -37.8875, -27.9333**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.8010, 39.0451, 29.9925**, and **50.3230, 37.3088, 26.9037** is the 20% darker color. If you saturate the color by 10%, you get **90.1910, 44.2758, 32.2815**, and if you desaturate by 10%, it is **115.8080, 31.6467, 22.9704**.

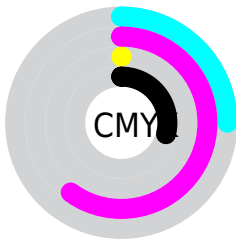
Distribution



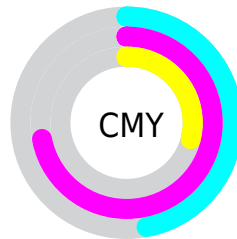
- Red (53%)
- Green (28%)
- Blue (71%)



- Red (53%)
- Yellow (28%)
- Blue (71%)



- Cyan (25%)
- Magenta (60%)
- Yellow (0%)
- Black (29%)



- Cyan (47%)
- Magenta (72%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.1490, 37.8875, 27.9333 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 103.1490, 37.8875, 27.9333 by changing the saturation by 10% instead.

■ 103.1490, 37.8875,
27.9333

■ 103.1490, 37.8875,
27.9333

■ 255.0000, 0.0000,
0.0000

■ 77.3230, 37.3088,
26.9037

■ 156.8010, 39.0451,
29.9925

■ 50.3230, 37.3088,
26.9037

■ 182.9000, 35.5453,
32.5367

■ 27.6600, 36.1566,
23.1002

■ 208.0070, 23.1675,
35.9509

■ 17.3350, 28.9218,
10.2302

■ 226.2370, 14.1802,
25.2252

■ 6.0420, 23.1503,
-5.2988

■ 242.6730, 6.0772,
10.8108

■ 4.5940, 12.5252,
-4.0289

■ 0.1140, 0.4368,

-0.1000

■ 0.0000, 0.0000,
0.0000

■ 103.1490, 37.8875,
27.9333

■ 103.1490, 37.8875,
27.9333

■ 90.1910, 44.2758,
32.2815

■ 115.8080, 31.6467,
22.9704

■ 77.5320, 50.5167,
37.2444

■ 128.7660, 25.2584,
18.6222

■ 64.5740, 56.9050,
41.5926

■ 141.4250, 19.0175,
13.6593

■ 51.9150, 63.1459,
46.5555

■ 154.3830, 12.6292,
9.3111

■ 167.3410, 6.2409,
4.9629

■ 180.0000, 0.0000,
0.0000

■ 192.9580, -6.3883,
-4.3482

■ 205.6170,
-12.6292, -9.3111

■ 218.5750,
-19.0175, -13.6593

Harmonies

Analogous

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



81.8250, 62.2043, -71.7605



103.1490, 37.8875, 27.9333



92.0710, 19.6850, 79.7447

Triad

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



103.1490, 37.8875, 27.9333



95.3100, -46.9878, 44.4551



87.8530, 19.2995, -77.0471

Complementary

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



103.1490, 37.8875, 27.9333



148.8510, -37.8875, -27.9333

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.



80.1810, -5.0192, -70.3187



103.1490, 37.8875, 27.9333



92.4100, -45.5581, 5.7794

Square

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



103.1490, 37.8875, 27.9333



91.7760, -33.4136, 77.3724



75.9580, -36.9543, -47.3212



92.3790, 41.7182, -81.0164

Rectangle

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



103.1490, 37.8875, 27.9333



83.5110, 5.6641, 96.8989



75.9580, -36.9543, -47.3212



85.1000, 11.2897, -74.6327

Sweetspot

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



103.1490, 37.8875, 27.9333



204.3770, 15.0971, 11.0704



110.7270, 34.1516, -33.9636



98.7480, 8.9982, 7.2370



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



103.1490, 37.8875, 27.9333



114.5680, 59.3730, 43.3519



115.5780, 27.3230, 56.4981



82.8200, 3.0467, 2.7889



44.0530, 53.7109, 39.4185



7.4490, 9.1456, 6.6222

Inverse Universe

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



109.4220, 3.7360, 61.8969



124.5110, 5.6641, 96.8989



136.4220, -27.3230, -56.4981



83.1470, 0.4205, 5.1331



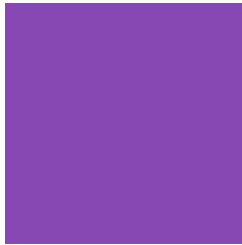
53.0430, 5.4018, 87.6623



9.0280, 0.9722, 14.8844

Previews

White Background



This preview shows how the YUV color 103.1490, 37.8875, 27.9333 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 103.1490, 37.8875, 27.9333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

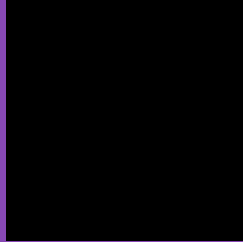
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.1490, 37.8875, 27.9333

Background



This preview shows how black text looks on a background with the YUV color 103.1490, 37.8875, 27.9333.



This preview shows how white text looks on a background with the YUV color 103.1490, 37.8875, 27.9333.

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

103.1490, 37.8875, 27.9333

Protanopia

86.5060, 59.4035, -60.0798

Deuteranopia

94.3500, 39.2675, -41.5259



Tritanopia

103.1700, -1.0698, 16.5139

Trichromacy



Original Color

103.1490, 37.8875, 27.9333



Protanomaly

92.9400, 51.3016, -28.0114



Deuteranomaly

97.6890, 38.6073, -16.3903



Tritanomaly

103.2750, 13.1754, 20.8068

Monochromacy



Original Color

103.1490, 37.8875, 27.9333



Achromatopsia

103.0000, 0.0000, 0.0000



Achromatomaly

103.3230, 13.6448, 10.2407

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.1490, 37.8875, 27.9333 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(135, 72, 180)` looks like.

```
.text, #text, p{  
    color:rgb(135, 72, 180)  
}
```

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(135, 72, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 72, 180) }
```

Border

The CSS property to change the border of an element to YUV 103.1490, 37.8875, 27.9333 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(135, 72, 180) }
```


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

```
.border{ border-color:rgb(135, 72, 180) }
```

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

Here you see how a box with a 4 pixel rgb(135, 72, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 72, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 72, 180);  
box-shadow:4px 4px 4px 4px rgb(135, 72,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 103.1490, 37.8875, 27.9333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 72, 180) }
```

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

```
.background{ background-color: rgb(135, 72,  
180) }
```

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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