

Converting Colors

YUV(47.7020, 39.0939, 14.2933)

Have a look what the booklet for
YUV(47.7020, 39.0939, 14.2933)
contains.

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Color

**YUV(47.7020, 39.0939,
14.2933)**

Conversions

Conversions Part 1

Format	Color
Hex	40187F
RGB	64, 24, 127
RGB Percent	25%, 9%, 50%
CMY	0.7490, 0.9059, 0.5020
CMYK	0.50, 0.81, 0.00, 0.50
HSL	263°, 68%, 30%
HSV	263°, 81%, 50%
XYZ	6.2718, 3.2756, 20.3804
YIQ	47.7020, -9.2230, 40.5130

Conversions

Conversions Part 2

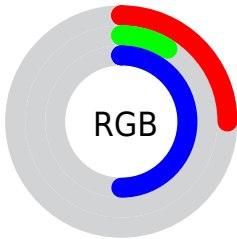
Format	Color
RYB	64, 24, 127
Decimal	4200575
CIELab	21.12, 42.07, -50.41
CIELCh	21, 65.660, 309.843
Yxy	3.2756, 0.2096, 0.1094
Android (android.graphics.Color)	4282390655 (0xFF40187F)
YUV	47.7020, 39.0939, 14.2933
Hunter-Lab	18.0985, 30.1839, -54.0963

Details

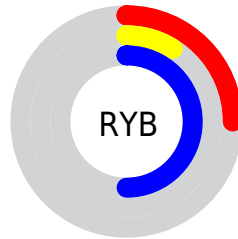
The YUV color **47.7020, 39.0939, 14.2933** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **103.2980, -39.0939, -14.2933**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.7670, 40.5409, 16.8673**, and **10.5720, 32.7490, -4.0096** is the 20% darker color. If you saturate the color by 10%, you get **37.6790, 44.0353, 16.0675**, and if you desaturate by 10%, it is **57.7250, 34.1526, 12.5192**.

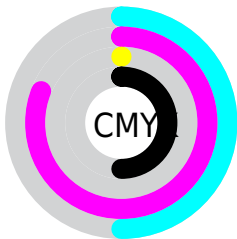
Distribution



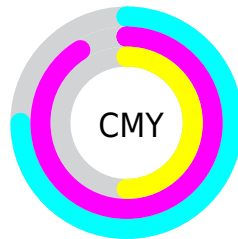
- Red (25%)
- Green (9%)
- Blue (50%)



- Red (25%)
- Yellow (9%)
- Blue (50%)



- Cyan (50%)
- Magenta (81%)
- Yellow (0%)
- Black (50%)



- Cyan (75%)
- Magenta (91%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.7020, 39.0939, 14.2933 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 47.7020, 39.0939, 14.2933 by changing the saturation by 10% instead.

■ 47.7020, 39.0939,
14.2933

■ 47.7020, 39.0939,
14.2933

■ 255.0000, 0.0000,
0.0000

■ 21.9790, 38.9574,
11.4194

■ 98.7670, 40.5409,
16.8673

■ 10.5720, 32.7490,
-4.0096

■ 125.0060, 41.4090,
18.4117

■ 7.2160, 22.5715,
-6.3284

■ 151.2450, 42.2772,
19.9561

■ 4.7080, 12.9620,
-4.1289

■ 177.8170, 38.0512,
22.0855

■ 0.1140, 0.4368,
-0.1000

■ 202.3370, 25.9629,
26.0145

■ 0.0000, 0.0000,
0.0000

■ 225.6500, 14.4696,

25.7400

■ 242.0860, 6.3666,
11.3256

■ 47.7020, 39.0939,
14.2933

■ 47.7020, 39.0939,
14.2933

■ 37.6790, 44.0353,
16.0675

■ 57.7250, 34.1526,
12.5192

■ 29.1290, 48.2504,
17.4269

■ 67.1610, 29.5006,
11.2598

■ 76.8850, 24.7067,
8.8709

■ 86.9080, 19.7654,
7.0967

■ 96.3440, 15.1134,
5.8373

■ 106.3670, 10.1721,
4.0631

■ 116.0910, 5.3781,
1.6742

■ 126.1140, 0.4368,
-0.1000

■ 135.5500, -4.2152,
-1.3594

Harmonies

Analogous

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



48.6840, 49.4558, -42.6959



47.7020, 39.0939, 14.2933



44.3740, 20.0286, 62.8160

Triad

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



47.7020, 39.0939, 14.2933



47.1560, -23.2479, 36.6972



47.4400, 9.1501, -41.6049

Complementary

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



47.7020, 39.0939, 14.2933



103.2980, -39.0939, -14.2933

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.



40.2240, -13.4214, -35.2764



47.7020, 39.0939, 14.2933



46.3490, -22.8501, 2.3249

Square

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



47.7020, 39.0939, 14.2933



34.9830, -17.2466, 71.9289



36.9810, -18.2316, -32.4323



52.7980, 29.6796, -46.3038

Rectangle

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



47.7020, 39.0939, 14.2933



44.3140, 4.2822, 73.3926



36.9810, -18.2316, -32.4323



44.9150, 2.0139, -39.3905

Sweetspot

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



47.7020, 39.0939, 14.2933



135.0450, 15.2608, 5.2225



73.3100, 26.4692, -43.2449



65.4270, 9.1565, 3.1335



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



47.7020, 39.0939, 14.2933



41.8920, 61.1852, 22.0197



62.9510, 31.5762, 45.6470



58.6950, 2.6154, 1.1445



29.5420, 48.5398, 17.9417



0.0000, 0.0000, 0.0000

Inverse Universe

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



61.9790, 12.3354, 57.0234



64.3110, 19.0737, 89.1813



88.0490, -31.5762, -45.6470



59.5490, 0.7153, 3.9035



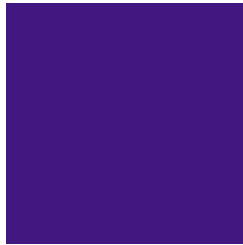
47.1640, 15.2021, 70.8932



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 47.7020, 39.0939, 14.2933 looks on a white background.

Color Contrast Check

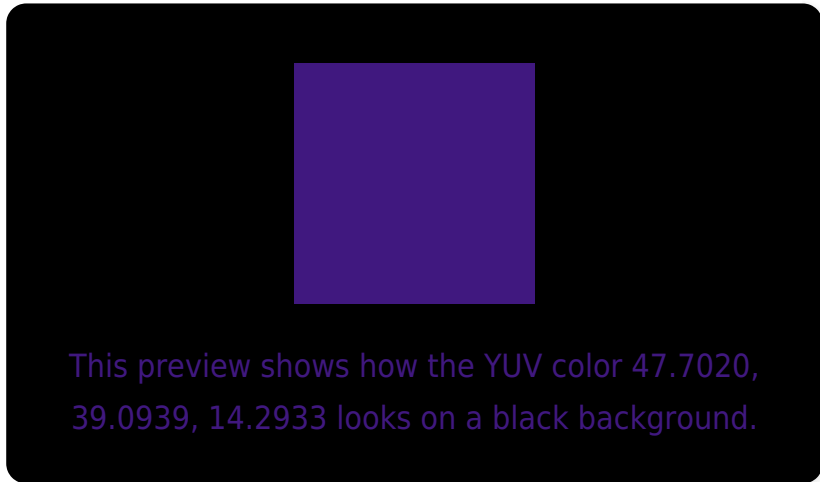
Large Text (above 18pt) WCAG AA ✓ Pass

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

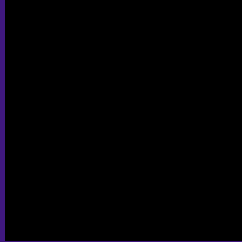
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.7020, 39.0939, 14.2933

Background



This preview shows how black text looks on a background with the YUV color 47.7020, 39.0939, 14.2933.



This preview shows how white text looks on a background with the YUV color 47.7020, 39.0939,

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

47.7020, 39.0939, 14.2933

Protanopia

41.3200, 31.3942, -36.2376

Deuteranopia

41.3710, 23.9741, -36.2824



Tritanopia

50.7650, 3.0739, -5.9329

Trichromacy



Original Color

47.7020, 39.0939, 14.2933

Protanomaly

43.8260, 34.1028, -18.2644

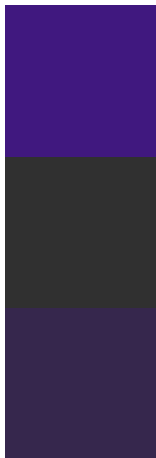
Deuteranomaly

43.2730, 29.4454, -17.7794

Tritanomaly

49.2510, 16.1453, 1.5339

Monochromacy



Original Color

47.7020, 39.0939, 14.2933

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.8170, 14.3872, 5.4225

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.7020, 39.0939, 14.2933 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(64, 24, 127)` looks like.

```
.text, #text, p{  
    color:rgb(64, 24, 127)  
}
```

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(64, 24, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 24, 127) }
```

Border

The CSS property to change the border of an element to YUV 47.7020, 39.0939, 14.2933 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(64, 24, 127) }
```


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

```
.border{ border-color:rgb(64, 24, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 24, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 24, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 24, 127);  
box-shadow:4px 4px 4px 4px rgb(64, 24,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 47.7020, 39.0939, 14.2933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 24, 127) }
```

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

```
.background{ background-color: rgb(64, 24,  
127) }
```

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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