

Converting Colors

YUV(37.7720, 19.3394, 3.7080)

Have a look what the booklet for
YUV(37.7720, 19.3394, 3.7080)
contains.

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Color

**YUV(37.7720, 19.3394,
3.7080)**

Conversions

Conversions Part 1

Format	Color
Hex	2A1C4D
RGB	42, 28, 77
RGB Percent	16%, 11%, 30%
CMY	0.8353, 0.8902, 0.6980
CMYK	0.45, 0.64, 0.00, 0.70
HSL	257°, 47%, 21%
HSV	257°, 64%, 30%
XYZ	2.7097, 1.8586, 7.2371
YIQ	37.7720, -7.3850, 18.2070

Conversions

Conversions Part 2

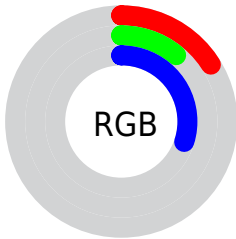
Format	Color
RYB	42, 28, 77
Decimal	2759757
CIELab	14.73, 20.30, -28.04
CIElCh	15, 34.615, 305.906
Yxy	1.8586, 0.2295, 0.1574
Android (android.graphics.Color)	4280949837 (0xFF2A1C4D)
YUV	37.7720, 19.3394, 3.7080
Hunter-Lab	13.6329, 11.6206, -21.9313

Details

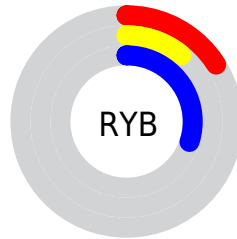
The YUV color **37.7720, 19.3394, 3.7080** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **67.2280, -19.3394, -3.7080**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.5380, 20.9338, 5.6672**, and **4.8220, 13.3988, -4.2289** is the 20% darker color. If you saturate the color by 10%, you get **31.2820, 22.5390, 4.1377**, and if you desaturate by 10%, it is **43.9630, 16.2872, 2.6634**.

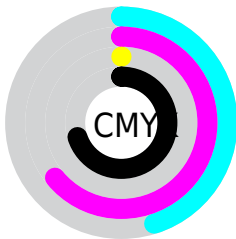
Distribution



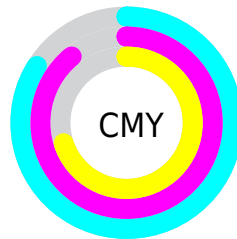
- Red (16%)
- Green (11%)
- Blue (30%)



- Red (16%)
- Yellow (11%)
- Blue (30%)



- Cyan (45%)
- Magenta (64%)
- Yellow (0%)
- Black (70%)



- Cyan (84%)
- Magenta (89%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.7720, 19.3394, 3.7080 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 37.7720, 19.3394, 3.7080 by changing the saturation by 10% instead.

■ 37.7720, 19.3394,
3.7080

■ 37.7720, 19.3394,
3.7080

■ 255.0000, 0.0000,
0.0000

■ 15.0710, 19.1920,
4.3227

■ 83.5380, 20.9338,
5.6672

■ 4.8220, 13.3988,
-4.2289

■ 108.4780, 21.9493,
6.5968

■ 0.4560, 1.7472,
-0.3999

■ 134.0050, 22.6755,
7.0116

■ 0.0000, 0.0000,
0.0000

■ 160.4180, 22.9649,
7.5264

■ 187.0590, 24.1279,
7.8413

■ 214.3320, 20.0493,

9.3558

■ 239.1400, 7.8190,
12.1552

■ 37.7720, 19.3394,
3.7080

■ 37.7720, 19.3394,
3.7080

■ 31.2820, 22.5390,
4.1377

■ 43.9630, 16.2872,
2.6634

■ 25.6780, 25.3017,
4.6674

■ 49.8660, 13.3771,
2.7485

■ 19.1880, 28.5013,
5.0971

■ 56.0570, 10.3249,
1.7040

■ 15.3560, 30.3905,
5.8268

■ 62.5470, 7.1253,
1.2743

■ 68.4500, 4.2151,
1.3593

■ 74.6410, 1.1630,
0.3148

■ 81.1310, -2.0366,
-0.1149

■ 87.3220, -5.0887,
-1.1594

■ 93.2250, -7.9989,
-1.0743

Harmonies

Analogous

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



32.6970, 26.2784, -28.6753



37.7720, 19.3394, 3.7080



34.7600, 10.9643, 30.0285

Triad

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



37.7720, 19.3394, 3.7080



35.2730, -17.3896, 24.3166



32.8500, 4.0179, -28.8095

Complementary

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



37.7720, 19.3394, 3.7080



67.2280, -19.3394, -3.7080

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.



28.7120, -6.7600, -25.1804



37.7720, 19.3394, 3.7080



35.1630, -17.3354, 6.8730

Square

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



37.7720, 19.3394, 3.7080



31.6260, -12.6336, 38.9160



30.6230, -15.0971, -11.0704



34.9990, 14.7905, -30.6941

Rectangle

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



37.7720, 19.3394, 3.7080



30.7460, 5.5482, 40.5648



30.6230, -15.0971, -11.0704



31.3510, 0.8130, -27.4948

Sweetspot

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



37.7720, 19.3394, 3.7080



84.5470, 7.1253, 1.2743



54.1310, 11.2744, -22.9169



41.5640, 4.6519, 1.2594



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



37.7720, 19.3394, 3.7080



38.8290, 29.6643, 5.4120



44.9480, 15.8016, 18.4626



35.0540, 1.4524, 0.8296



20.2990, 40.2786, 7.6308



45.9540, 90.7347, 17.5803

Inverse Universe

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



46.6410, 8.0650, 26.6248



52.5810, 12.5316, 40.7095



60.0520, -15.8016, -18.4626



35.5380, 0.7208, 2.1592



38.8200, 16.8507, 55.4089



87.4660, 37.7313, 125.0023

Previews

White Background



This preview shows how the YUV color 37.7720, 19.3394, 3.7080 looks on a white background.

Color Contrast Check

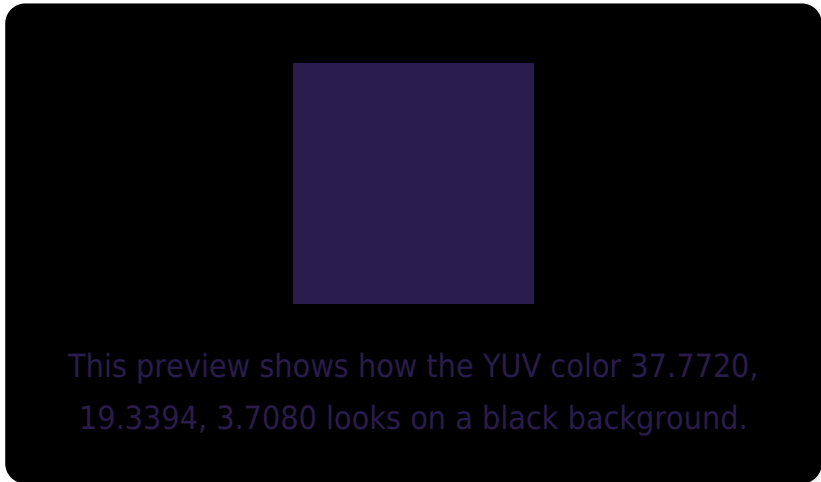
Large Text (above 18pt) WCAG AA ✓ Pass

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

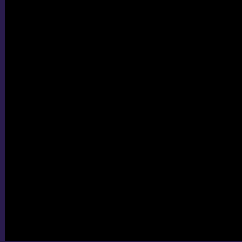
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.7720, 19.3394, 3.7080

Background



This preview shows how black text looks on a background with the YUV color 37.7720, 19.3394, 3.7080.



This preview shows how white text looks on a background with the YUV color 37.7720, 19.3394,

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

37.7720, 19.3394, 3.7080

Protanopia

29.9100, 23.2154, -26.2311

Deuteranopia

30.5310, 17.9792, -26.7757



Tritanopia

36.9610, 2.4842, -3.4738

Trichromacy



Original Color

37.7720, 19.3394, 3.7080

Protanomaly

32.6340, 21.8724, -15.4650

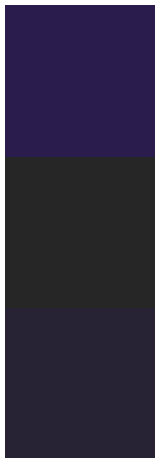
Deuteranomaly

33.1240, 18.6729, -15.8947

Tritanomaly

36.9920, 8.8779, -0.8700

Monochromacy



Original Color

37.7720, 19.3394, 3.7080

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.5470, 7.1253, 1.2743

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.7720, 19.3394, 3.7080 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(42, 28, 77)` looks like.

```
.text, #text, p{  
    color:rgb(42, 28, 77)  
}
```

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(42, 28, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 28, 77) }
```

Border

The CSS property to change the border of an element to YUV 37.7720, 19.3394, 3.7080 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(42, 28, 77) }
```


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

```
.border{ border-color:rgb(42, 28, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 28, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 28, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 28, 77);  
box-shadow:4px 4px 4px 4px rgb(42, 28, 77)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.7720, 19.3394, 3.7080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 28, 77) }
```

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

```
.background{ background-color: rgb(42, 28,  
77) }
```

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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