

Converting Colors

YUV(42.5840, 38.1661, 31.9368)

Have a look what the booklet for
YUV(42.5840, 38.1661, 31.9368)
contains.

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Color

**YUV(42.5840, 38.1661,
31.9368)**

Conversions

Conversions Part 1

Format	Color
Hex	4F0978
RGB	79, 9, 120
RGB Percent	31%, 4%, 47%
CMY	0.6902, 0.9647, 0.5294
CMYK	0.34, 0.93, 0.00, 0.53
HSL	278°, 86%, 25%
HSV	278°, 92%, 47%
XYZ	6.7123, 3.2137, 18.0358
YIQ	42.5840, 6.0890, 49.3610

Conversions

Conversions Part 2

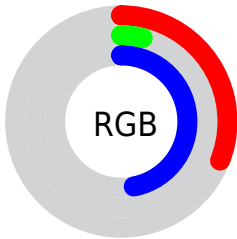
Format	Color
R_{YB}	79, 9, 120
Decimal	5179768
CIE _{Lab}	20.88, 47.71, -46.25
CIE _{LCh}	21, 66.446, 315.886
Yxy	3.2137, 0.2401, 0.1149
Android (android.graphics.Color)	4283369848 (0xFF4F0978)
YUV	42.5840, 38.1661, 31.9368
Hunter-Lab	17.9268, 35.4635, -47.1018

Details

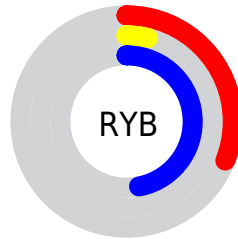
The YUV color **42.5840, 38.1661, 31.9368** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **86.4160, -38.1661, -31.9368**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.6440, 37.1505, 31.0072**, and **16.6510, 26.3011, 10.8301** is the 20% darker color. If you saturate the color by 10%, you get **36.4040, 41.2128, 34.7257**, and if you desaturate by 10%, it is **50.8240, 34.1038, 28.2184**.

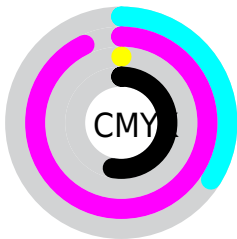
Distribution



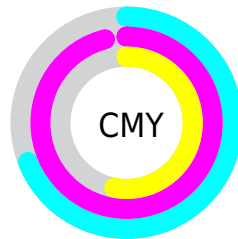
- Red (31%)
- Green (4%)
- Blue (47%)



- Red (31%)
- Yellow (4%)
- Blue (47%)



- Cyan (34%)
- Magenta (93%)
- Yellow (0%)
- Black (53%)



- Cyan (69%)
- Magenta (96%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.5840, 38.1661, 31.9368 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 42.5840, 38.1661, 31.9368 by changing the saturation by 10% instead.

■ 42.5840, 38.1661,
31.9368

■ 42.5840, 38.1661,
31.9368

■ 255.0000, 0.0000,
0.0000

■ 26.3780, 33.8306,
22.4705

■ 97.6440, 37.1505,
31.0072

■ 16.6510, 26.3011,
10.8301

■ 124.1710, 37.8767,
31.4220

■ 5.3580, 20.5295,
-4.6990

■ 151.2960, 38.3081,
33.0664

■ 3.4370, 10.6306,
-3.0142

■ 177.8940, 38.0133,
34.2960


■ 0.0000, 0.0000,
0.0000


■ 203.3000, 25.4881,
38.3249


■ 222.1280, 16.2059,


28.8287


 238.5640, 8.1029,
14.4144


 42.5840, 38.1661,
31.9368


 42.5840, 38.1661,
31.9368


 36.4040, 41.2128,
34.7257

 50.8240, 34.1038,
28.2184

 59.3630, 29.8940,
25.1146

 67.6030, 25.8317,
21.3962

 76.1420, 21.6220,
18.2925

 84.3820, 17.5597,
14.5740

■ 92.9210, 13.3499,
11.4703

■ 101.1610, 9.2876,
7.7518

■ 109.4010, 5.2253,
4.0333

■ 117.9400, 1.0156,
0.9296

Harmonies

Analogous

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



45.5210, 50.0291, -39.9219



42.5840, 38.1661, 31.9368



44.7290, 14.9236, 66.8897

Triad

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



42.5840, 38.1661, 31.9368



47.1120, -23.2262, 29.7198



48.5800, 13.5181, -42.6047

Complementary

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



42.5840, 38.1661, 31.9368



86.4160, -38.1661, -31.9368

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.



41.4780, -8.6167, -36.3762



42.5840, 38.1661, 31.9368



44.2340, -21.8074, -5.4672

Square

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



42.5840, 38.1661, 31.9368



33.4880, -16.5096, 68.8550



36.9810, -18.2316, -32.4323



53.7100, 33.1740, -47.1037

Rectangle

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



42.5840, 38.1661, 31.9368



43.4730, -0.2332, 75.0072



36.9810, -18.2316, -32.4323



46.0550, 6.3819, -40.3902

Sweetspot

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



42.5840, 38.1661, 31.9368



125.0890, 15.2391, 12.1999



46.8950, 36.0408, -33.2339



60.1610, 9.2876, 7.7518



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



42.5840, 38.1661, 31.9368



47.0860, 53.6946, 44.6516



53.3610, 26.4440, 58.4424



56.8800, 2.0312, 1.8592



37.8710, 42.9546, 36.0701



76.2690, 86.6354, 72.5551

Inverse Universe

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



46.8630, 1.5465, 64.1411



53.1420, 1.9020, 90.2065



75.6390, -26.4440, -58.4424



57.0220, -0.0108, 3.4887



42.6190, 1.6668, 72.2481



85.9500, 3.4756, 145.6259

Previews

White Background



This preview shows how the YUV color 42.5840, 38.1661, 31.9368 looks on a white background.

Color Contrast Check

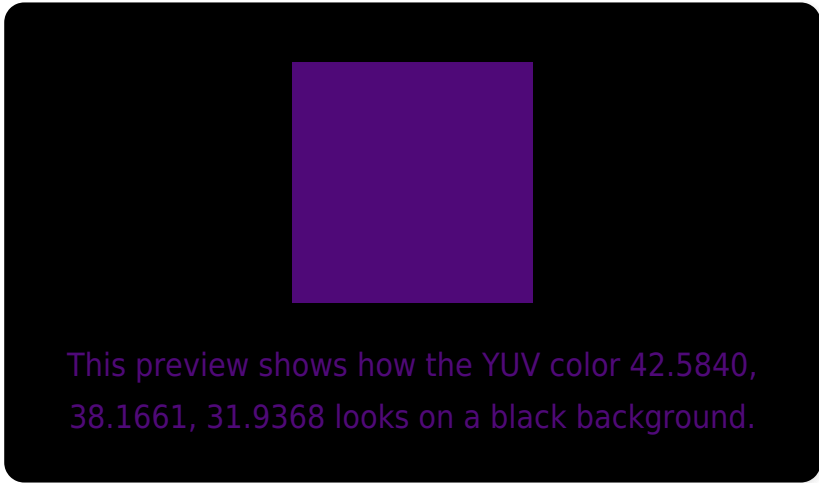
Large Text (above 18pt) WCAG AA ✓ Pass

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

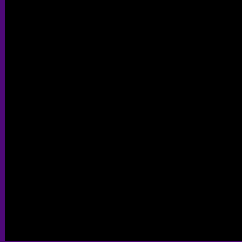
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.5840, 38.1661, 31.9368

Background



This preview shows how black text looks on a background with the YUV color 42.5840, 38.1661, 31.9368.



This preview shows how white text looks on a background with the YUV color 42.5840, 38.1661,

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

42.5840, 38.1661, 31.9368

Protanopia

42.1350, 31.9784, -36.9524

Deuteranopia

42.1860, 24.5583, -36.9971



Tritanopia

53.1370, -1.0535, 11.2809

Trichromacy



Original Color

42.5840, 38.1661, 31.9368

Protanomaly

42.5710, 34.2285, -11.9018

Deuteranomaly

42.6050, 29.2817, -11.9316

Tritanomaly

49.2640, 13.1808, 19.0625

Monochromacy



Original Color

42.5840, 38.1661, 31.9368

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.0350, 13.7867, 11.3703

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.5840, 38.1661, 31.9368 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(79, 9, 120)` looks like.

```
.text, #text, p{  
    color:rgb(79, 9, 120)  
}
```

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(79, 9, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 9, 120) }
```

Border

The CSS property to change the border of an element to YUV 42.5840, 38.1661, 31.9368 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(79, 9, 120) }
```


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

```
.border{ border-color:rgb(79, 9, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 9, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 9, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 9, 120);  
box-shadow:4px 4px 4px 4px rgb(79, 9, 120)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.5840, 38.1661, 31.9368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 9, 120) }
```

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

```
.background{ background-color: rgb(79, 9,  
120) }
```

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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