

Converting Colors

YUV(41.8240, 10.4398, 11.5554)

Have a look what the booklet for
YUV(41.8240, 10.4398, 11.5554)
contains.

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Color

**YUV(41.8240, 10.4398,
11.5554)**

Conversions

Conversions Part 1

Format	Color
Hex	371F3F
RGB	55, 31, 63
RGB Percent	22%, 12%, 25%
CMY	0.7843, 0.8784, 0.7529
CMYK	0.13, 0.51, 0.00, 0.75
HSL	285°, 34%, 18%
HSV	285°, 51%, 25%
XYZ	2.9627, 2.1511, 4.9617
YIQ	41.8240, 4.0320, 15.0400

Conversions

Conversions Part 2

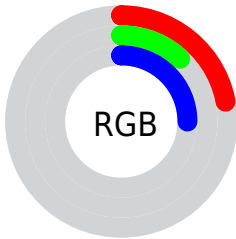
Format	Color
R_{YB}	55, 31, 63
Decimal	3612479
CIE _{Lab}	16.26, 18.30, -15.81
CIE _{LCh}	16, 24.188, 319.171
Yxy	2.1511, 0.2941, 0.2135
Android (android.graphics.Color)	4281802559 (0xFF371F3F)
YUV	41.8240, 10.4398, 11.5554
Hunter-Lab	14.6666, 10.3917, -9.7911

Details

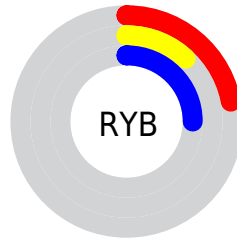
The YUV color **41.8240, 10.4398, 11.5554** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **52.1760, -10.4398, -11.5554**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.0630, 11.3079, 13.0997**, and **2.2800, 8.7360, -1.9996** is the 20% darker color. If you saturate the color by 10%, you get **37.7040, 12.4709, 13.4146**, and if you desaturate by 10%, it is **45.9440, 8.4086, 9.6961**.

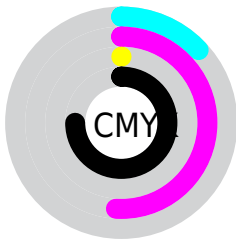
Distribution



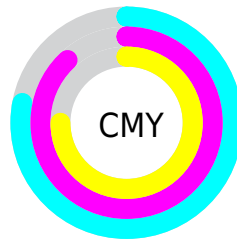
- Red (22%)
- Green (12%)
- Blue (25%)



- Red (22%)
- Yellow (12%)
- Blue (25%)



- Cyan (13%)
- Magenta (51%)
- Yellow (0%)
- Black (75%)



- Cyan (78%)
- Magenta (88%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.8240, 10.4398, 11.5554 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 41.8240, 10.4398, 11.5554 by changing the saturation by 10% instead.

■ 41.8240, 10.4398,
11.5554

■ 41.8240, 10.4398,
11.5554

255.0000, 0.0000,
0.0000

■ 20.4110, 10.1504,
11.0406

■ 88.0630, 11.3079,
13.0997

■ 2.2800, 8.7360,
-1.9996

■ 112.4760, 11.5973,
13.6145

■ 0.0000, 0.0000,
0.0000

■ 138.0030, 12.3235,
14.0294


■ 164.4160, 12.6129,
14.5442


■ 191.7150, 12.4655,
15.1589


■ 219.2420, 13.1917,


15.5738


 242.6730, 6.0772,
10.8108


 41.8240, 10.4398,
11.5554


 41.8240, 10.4398,
11.5554


 37.7040, 12.4709,
13.4146


 45.9440, 8.4086,
9.6961


 33.2960, 14.6441,
16.4034


 50.3520, 6.2355,
6.7073


 29.1760, 16.6752,
18.2626

 54.4720, 4.2043,
4.8481

 25.3550, 18.5590,
20.7367

 58.2930, 2.3206,
2.3740

 21.2350, 20.5901,
22.5959

 63.0000, 0.0000,
0.0000

■ 66.8210, -1.8838,
-2.4740

■ 70.9410, -3.9149,
-4.3333

■ 75.0610, -5.9461,
-6.1925

■ 79.4690, -8.1192,
-9.1813

Harmonies

Analogous

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



39.2990, 16.6146, -9.0322



41.8240, 10.4398, 11.5554



40.3650, 3.2711, 24.2359

Triad

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



41.8240, 10.4398, 11.5554



38.1640, -18.8149, 14.7652



34.5770, 8.0965, -30.3240

Complementary

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



41.8240, 10.4398, 11.5554



52.1760, -10.4398, -11.5554

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.



31.9380, 0.5236, -28.0096



41.8240, 10.4398, 11.5554



37.0160, -17.7559, 1.7400

Square

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



41.8240, 10.4398, 11.5554



38.9400, -12.2954, 23.7316



34.2080, -8.9765, -14.2144



35.1130, 15.2273, -30.7941

Rectangle

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



41.8240, 10.4398, 11.5554



39.7200, -1.8340, 28.3096



34.2080, -8.9765, -14.2144



33.8930, 5.4758, -29.7242

Sweetspot

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



41.8240, 10.4398, 11.5554



73.4720, 4.2043, 4.8481



39.3440, 11.6624, -7.3177



35.7060, 2.6099, 2.8888



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



41.8240, 10.4398, 11.5554



48.7630, 16.3858, 17.7478



43.3040, 5.7661, 17.2734



28.9400, 1.0156, 0.9296



31.9450, 30.5931, 34.2512



74.9420, 72.4996, 79.8579

Inverse Universe

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



41.4800, -1.2226, 18.8730



48.3180, -2.1288, 29.5391



50.6960, -5.7661, -17.2734



28.8970, -0.4422, 1.8443



30.8420, -3.3731, 55.3896



72.6480, -8.7005, 130.9817

Previews

White Background



This preview shows how the YUV color 41.8240, 10.4398, 11.5554 looks on a white background.

Color Contrast Check

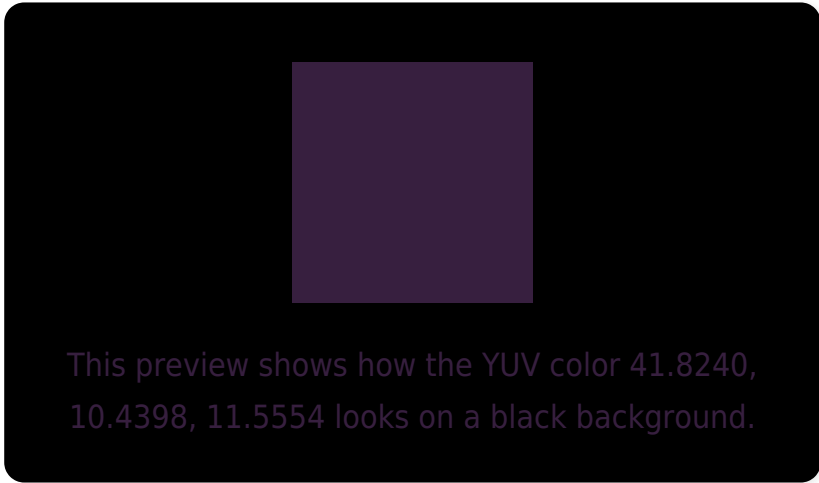
Large Text (above 18pt) WCAG AA ✓ Pass

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

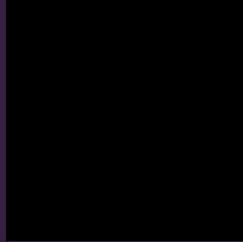
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.8240, 10.4398, 11.5554

Background



This preview shows how black text looks on a background with the YUV color 41.8240, 10.4398, 11.5554.



This preview shows how white text looks on a background with the YUV color 41.8240, 10.4398,

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

41.8240, 10.4398, 11.5554

Protanopia

39.6470, 15.4570, -11.0914

Deuteranopia

40.5890, 10.0626, -7.5326



Tritanopia

41.8270, -0.9007, 8.9217

Trichromacy



Original Color

41.8240, 10.4398, 11.5554

Protanomaly

40.5340, 13.5407, -3.0993

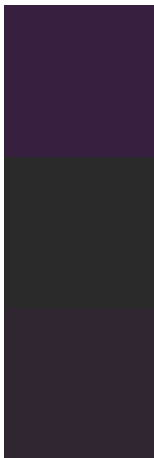
Deuteranomaly

40.7470, 10.4777, -0.6551

Tritanomaly

41.8640, 3.0250, 9.7663

Monochromacy



Original Color

41.8240, 10.4398, 11.5554

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.0590, 3.9149, 4.3333

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.8240, 10.4398, 11.5554 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(55, 31, 63)` looks like.

```
.text, #text, p{  
    color:rgb(55, 31, 63)  
}
```

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(55, 31, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 31, 63) }
```

Border

The CSS property to change the border of an element to YUV 41.8240, 10.4398, 11.5554 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(55, 31, 63) }
```


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

```
.border{ border-color:rgb(55, 31, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 31, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 31, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 31, 63);  
box-shadow:4px 4px 4px 4px rgb(55, 31, 63)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.8240, 10.4398, 11.5554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 31, 63) }
```

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

```
.background{ background-color: rgb(55, 31,  
63) }
```

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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