

Converting Colors

YUV(47.4110, 10.1504, 11.0406)

Have a look what the booklet for
YUV(47.4110, 10.1504, 11.0406)
contains.

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Color

**YUV(47.4110, 10.1504,
11.0406)**

Conversions

Conversions Part 1

Format	Color
Hex	3C2544
RGB	60, 37, 68
RGB Percent	24%, 15%, 27%
CMY	0.7647, 0.8549, 0.7333
CMYK	0.12, 0.46, 0.00, 0.73
HSL	285°, 30%, 21%
HSV	285°, 46%, 27%
XYZ	3.5684, 2.7011, 5.8021
YIQ	47.4110, 3.7570, 14.5170

Conversions

Conversions Part 2

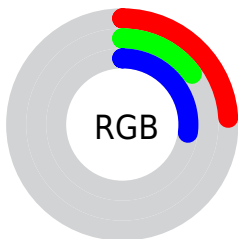
Format	Color
R_{YB}	60, 37, 68
Decimal	3941700
CIE Lab	18.80, 17.40, -15.25
CIE LCh	19, 23.141, 318.766
Yxy	2.7011, 0.2956, 0.2238
Android (android.graphics.Color)	4282131780 (0xFF3C2544)
YUV	47.4110, 10.1504, 11.0406
Hunter-Lab	16.4352, 9.9947, -9.4266




Details

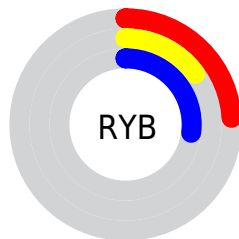
The YUV color **47.4110, 10.1504, 11.0406** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **57.5890, -10.1504, -11.0406**, and the grayscale version is **47.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **93.6500, 11.0185, 12.5849**, and **7.6340, 8.5614, 7.3370** is the 20% darker color. If you saturate the color by 10%, you get **42.7040, 12.4709, 13.4146**, and if you desaturate by 10%, it is **52.1180, 7.8298, 8.6665**.

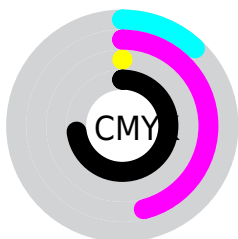
Distribution







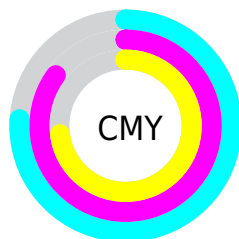
-  Red (24%)
-  Green (15%)
-  Blue (27%)






-  Red (24%)
-  Yellow (15%)
-  Blue (27%)



-  Cyan (12%)
-  Magenta (46%)
-  Yellow (0%)
-  Black (73%)



-  Cyan (76%)
-  Magenta (85%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.4110, 10.1504, 11.0406 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 47.4110, 10.1504, 11.0406 by changing the saturation by 10% instead.

■ 47.4110, 10.1504,
11.0406

■ 47.4110, 10.1504,
11.0406

■ 255.0000, 0.0000,
0.0000

■ 25.9980, 9.8610,
10.5258

■ 93.6500, 11.0185,
12.5849

■ 7.6340, 8.5614,
7.3370

■ 119.0630, 11.3079,
13.0997

■ 0.0000, 0.0000,
0.0000

■ 144.4760, 11.5973,
13.6145

■ 171.0030, 12.3235,
14.0294

■ 198.4160, 12.6129,
14.5442

■ 226.4160, 12.6129,

14.5442

246.7820, 4.0515,
7.2072

47.4110, 10.1504,
11.0406

47.4110, 10.1504,
11.0406

42.7040, 12.4709,
13.4146

52.1180, 7.8298,
8.6665

37.9970, 14.7915,
15.7886

56.8250, 5.5093,
6.2925

34.1760, 16.6752,
18.2626

60.6460, 3.6255,
3.8185

29.4690, 18.9958,
20.6367

65.3530, 1.3050,
1.4444

24.7620, 21.3163,
23.0107

70.0600, -1.0156,
-0.9296

■ 22.7020, 22.3319,
23.9403

■ 74.7670, -3.3361,
-3.3037

■ 79.1750, -5.5093,
-6.2925

■ 83.2950, -7.5404,
-8.1517

■ 88.0020, -9.8610,
-10.5258

Harmonies

Analogous

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



45.4840, 16.0304, -8.3175



47.4110, 10.1504, 11.0406



46.6530, 3.1291, 23.1063

Triad

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



47.4110, 10.1504, 11.0406



44.7340, -16.6309, 14.2653



38.0820, 8.8336, -33.3979

Complementary

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



47.4110, 10.1504, 11.0406



57.5890, -10.1504, -11.0406

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.



36.1440, 1.4080, -31.6983



47.4110, 10.1504, 11.0406



42.8850, -15.7193, 1.8549

Square

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



47.4110, 10.1504, 11.0406



45.0540, -11.8586, 23.6316



40.6210, -8.6872, -13.6996



39.2050, 15.6749, -34.3828

Rectangle

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



47.4110, 10.1504, 11.0406



45.8940, -2.4127, 27.2800



40.6210, -8.6872, -13.6996



37.3980, 6.2128, -32.7980

Sweetspot

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



47.4110, 10.1504, 11.0406



81.0590, 3.9149, 4.3333



45.2300, 11.2256, -7.2177



40.7060, 2.6099, 2.8888



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



47.4110, 10.1504, 11.0406



56.6490, 15.9490, 17.8478



49.0050, 5.9135, 16.6586



30.9400, 1.0156, 0.9296



32.5860, 31.7561, 34.5661



75.1700, 73.3732, 79.6579

Inverse Universe

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



47.1810, -1.0752, 18.2583



56.1330, -1.5446, 28.8244



55.9950, -5.9135, -16.6586



31.0110, -0.0054, 1.7444



31.8530, -3.3785, 57.1339



73.5880, -7.6849, 131.9113

Previews

White Background



This preview shows how the YUV color 47.4110, 10.1504, 11.0406 looks on a white background.

Color Contrast Check

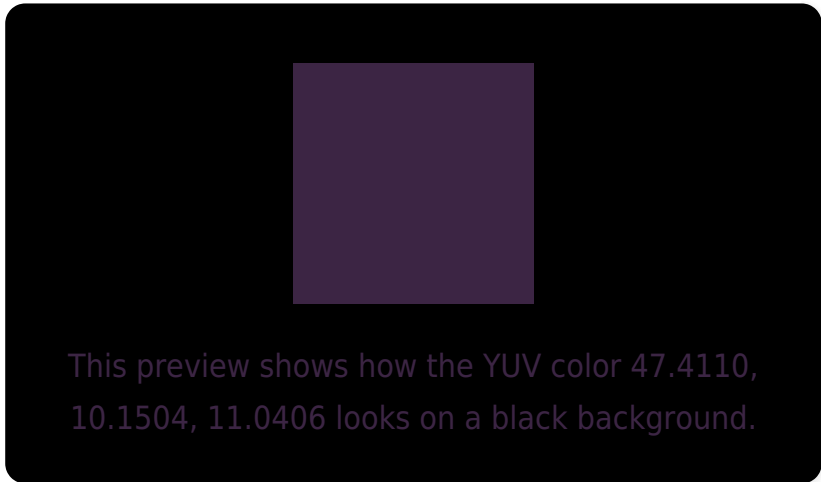
Large Text (above 18pt) WCAG AA ✓ Pass

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

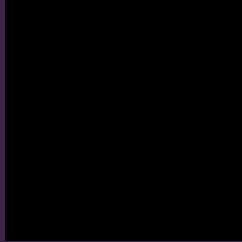
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.4110, 10.1504, 11.0406

Background



This preview shows how black text looks on a background with the YUV color 47.4110, 10.1504, 11.0406.



This preview shows how white text looks on a background with the YUV color 47.4110, 10.1504,

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

47.4110, 10.1504, 11.0406

Protanopia

45.1310, 14.7254, -9.7619

Deuteranopia

45.8880, 9.9152, -6.9178



Tritanopia

46.8270, -0.9007, 8.9217

Trichromacy



Original Color

47.4110, 10.1504, 11.0406

Protanomaly

45.7190, 12.9565, -2.3846

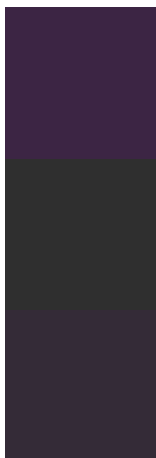
Deuteranomaly

46.6330, 10.0409, -0.5551

Tritanomaly

46.8640, 3.0250, 9.7663

Monochromacy



Original Color

47.4110, 10.1504, 11.0406

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.0590, 3.9149, 4.3333

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.4110, 10.1504, 11.0406 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(60, 37, 68)` looks like.

```
.text, #text, p{  
    color:rgb(60, 37, 68)  
}
```

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(60, 37, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 37, 68) }
```

Border

The CSS property to change the border of an element to YUV 47.4110, 10.1504, 11.0406 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(60, 37, 68) }
```


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

```
.border{ border-color:rgb(60, 37, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 37, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 37, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 37, 68);  
box-shadow:4px 4px 4px 4px rgb(60, 37, 68)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.4110, 10.1504, 11.0406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 37, 68) }
```

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

```
.background{ background-color: rgb(60, 37,  
68) }
```

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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