

Converting Colors

YUV(47.3110, 1.8187, 23.4063)

Have a look what the booklet for
YUV(47.3110, 1.8187, 23.4063)
contains.

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Color

**YUV(47.3110, 1.8187,
23.4063)**

Conversions

Conversions Part 1

Format	Color
Hex	4A2133
RGB	74, 33, 51
RGB Percent	29%, 13%, 20%
CMY	0.7098, 0.8706, 0.8000
CMYK	0.00, 0.55, 0.31, 0.71
HSL	334°, 38%, 21%
HSV	334°, 55%, 29%
XYZ	3.9654, 2.7826, 3.4601
YIQ	47.3110, 18.6580, 14.2900

Conversions

Conversions Part 2

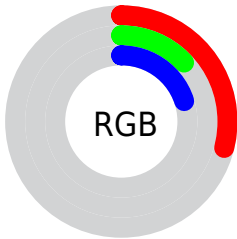
Format	Color
R _Y B	74, 33, 51
Decimal	4858163
CIE Lab	19.15, 21.90, -2.74
CIE LCh	19, 22.073, 352.861
Yxy	2.7826, 0.3885, 0.2726
Android (android.graphics.Color)	4283048243 (0xFF4A2133)
YUV	47.3110, 1.8187, 23.4063
Hunter-Lab	16.6811, 13.2414, -0.6215

Details

The YUV color **47.3110, 1.8187, 23.4063** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **59.6890, -1.8187, -23.4063**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.5070, 1.2290, 25.8654**, and **9.7250, -2.8224, 18.6582** is the 20% darker color. If you saturate the color by 10%, you get **42.7460, 2.0972, 27.4098**, and if you desaturate by 10%, it is **51.8760, 1.5401, 19.4027**.

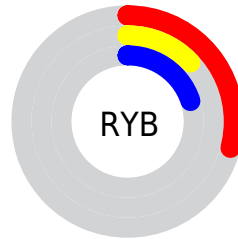
Distribution



 Red (29%)

 Green (13%)

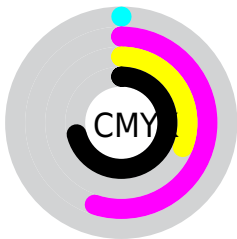
 Blue (20%)



 Red (29%)

 Yellow (13%)

 Blue (20%)

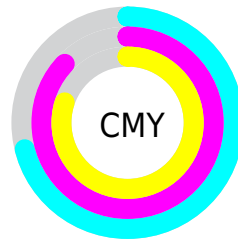


 Cyan (0%)

 Magenta (55%)

 Yellow (31%)

 Black (71%)



 Cyan (71%)

 Magenta (87%)

 Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.3110, 1.8187, 23.4063 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 47.3110, 1.8187, 23.4063 by changing the saturation by 10% instead.

■ 47.3110, 1.8187,
23.4063

■ 47.3110, 1.8187,
23.4063

■ 255.0000, 0.0000,
0.0000

■ 24.8270, 2.5503,
22.0767

■ 94.5070, 1.2290,
25.8654

■ 9.7250, -2.8224,
18.6582

■ 119.5180, 1.2236,
27.6097

■ 0.0000, 0.0000,
0.0000

■ 145.8170, 1.0762,
28.2245

■ 172.4150, 0.7814,
29.4540

■ 199.8280, 1.0708,
29.9688

■ 225.7350, 2.1026,

25.6654

245.0210, 4.9196,
8.7516

47.3110, 1.8187,
23.4063

47.3110, 1.8187,
23.4063

42.7460, 2.0972,
27.4098

51.8760, 1.5401,
19.4027

37.5940, 2.6652,
31.9281

57.0280, 0.9722,
14.8844

33.0290, 2.9437,
35.9316

61.5930, 0.6937,
10.8809

27.7630, 3.0748,
40.5498

66.8590, 0.5625,
6.2627

25.7740, 3.0694,
42.2942

71.4240, 0.2840,
2.2592

■ 75.9890, 0.0054,
-1.7444

■ 81.1410, -0.5625,
-6.2627

■ 85.7060, -0.8411,
-10.2662

■ 90.8580, -1.4090,
-14.7845

Harmonies

Analogous

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



48.0800, 8.8346, 13.0848



47.3110, 1.8187, 23.4063



46.0850, -5.4649, 26.2355

Triad

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



47.3110, 1.8187, 23.4063



43.6290, -14.1141, 0.3254



39.3190, 16.1117, -34.4828

Complementary

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



47.3110, 1.8187, 23.4063



59.6890, -1.8187, -23.4063

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.



38.3100, 9.7072, -33.5979



47.3110, 1.8187, 23.4063



41.2510, -7.5187, -15.1291

Square

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



47.3110, 1.8187, 23.4063



44.9510, -15.7518, 12.3210



36.4860, 2.7184, -31.9982



37.9540, 19.7427, -32.4087

Rectangle

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



47.3110, 1.8187, 23.4063



45.8090, -10.2588, 23.8465



36.4860, 2.7184, -31.9982



39.4500, 14.0752, -34.5976

Sweetspot

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



47.3110, 1.8187, 23.4063



85.9950, 0.9885, 9.6514



44.5510, 14.5184, 10.0408



42.1470, 0.4205, 5.1331



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



47.3110, 1.8187, 23.4063



55.3280, 2.7963, 36.5463



46.4330, -6.6225, 24.1763



35.4240, 0.2840, 2.2592



35.6280, 4.6204, 58.2082



80.2840, 10.2130, 131.3009

Inverse Universe

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



47.3110, 1.8187, 23.4063



55.3280, 2.7963, 36.5463



60.5670, 6.6225, -24.1763



35.4240, 0.2840, 2.2592



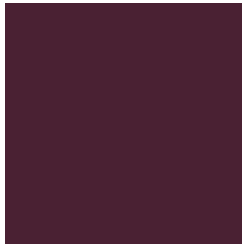
35.6280, 4.6204, 58.2082



80.2840, 10.2130, 131.3009

Previews

White Background



This preview shows how the YUV color 47.3110, 1.8187, 23.4063 looks on a white background.

Color Contrast Check

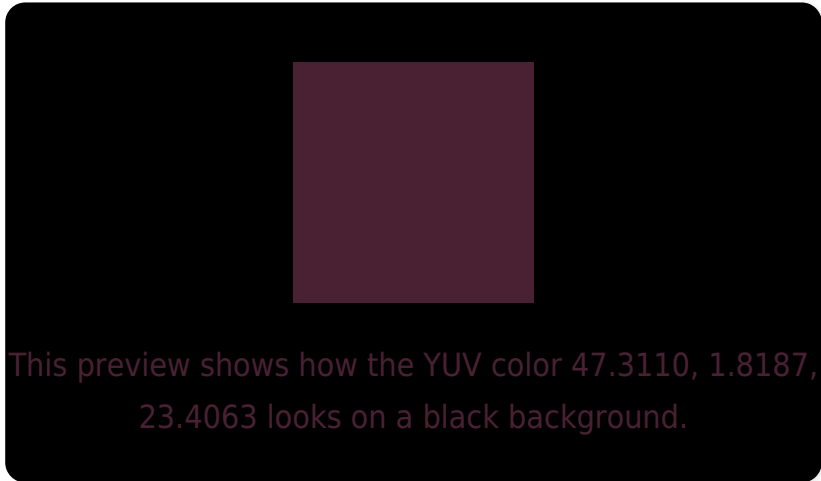
Large Text (above 18pt) WCAG AA ✓ Pass

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

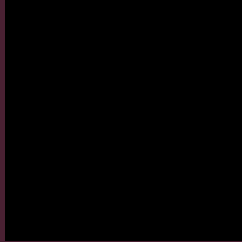
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.3110, 1.8187, 23.4063

Background



This preview shows how black text looks on a background with the YUV color 47.3110, 1.8187, 23.4063.



This preview shows how white text looks on a background with the YUV color 47.3110, 1.8187,

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

47.3110, 1.8187, 23.4063

Protanopia

47.5850, 6.1206, -3.1440

Deuteranopia

47.8370, 0.5734, 2.7740



Tritanopia

47.2910, -4.5805, 22.5468

Trichromacy



Original Color

47.3110, 1.8187, 23.4063

Protanomaly

47.5970, 4.6357, 6.4924

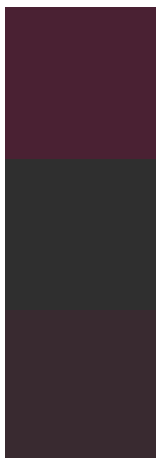
Deuteranomaly

47.4080, 1.2779, 10.1662

Tritanomaly

47.2740, -2.1071, 22.5617

Monochromacy



Original Color

47.3110, 1.8187, 23.4063

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.1690, 0.4097, 8.6218

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.3110, 1.8187, 23.4063 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(74, 33, 51)` looks like.

```
.text, #text, p{  
    color:rgb(74, 33, 51)  
}
```

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(74, 33, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 33, 51) }
```

Border

The CSS property to change the border of an element to YUV 47.3110, 1.8187, 23.4063 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(74, 33, 51) }
```


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

```
.border{ border-color:rgb(74, 33, 51) }
```

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

Here you see how a box with a 4 pixel rgb(74, 33, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 33, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 33, 51);  
box-shadow:4px 4px 4px 4px rgb(74, 33, 51)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.3110, 1.8187, 23.4063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 33, 51) }
```

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

```
.background{ background-color: rgb(74, 33,  
51) }
```

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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