

Converting Colors

YUV(43.3000, 1.8241, 21.6619)

Have a look what the booklet for
YUV(43.3000, 1.8241, 21.6619)
contains.

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Color

**YUV(43.3000, 1.8241,
21.6619)**

Conversions

Conversions Part 1

Format	Color
Hex	441E2F
RGB	68, 30, 47
RGB Percent	27%, 12%, 18%
CMY	0.7333, 0.8824, 0.8157
CMYK	0.00, 0.56, 0.31, 0.73
HSL	333°, 39%, 19%
HSV	333°, 56%, 27%
XYZ	3.3613, 2.3627, 2.9682
YIQ	43.3000, 17.1910, 13.3430

Conversions

Conversions Part 2

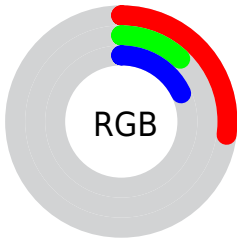
Format	Color
R_{YB}	68, 30, 47
Decimal	4464175
CIE Lab	17.29, 20.64, -2.80
CIE LCh	17, 20.834, 352.269
Yxy	2.3627, 0.3867, 0.2718
Android (android.graphics.Color)	4282654255 (0xFF441E2F)
YUV	43.3000, 1.8241, 21.6619
Hunter-Lab	15.3712, 12.1336, -0.6893

Details

The YUV color **43.3000, 1.8241, 21.6619** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **54.7000, -1.8241, -21.6619**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.9090, 1.5239, 24.6358**, and **5.9800, -2.9481, 12.2955** is the 20% darker color. If you saturate the color by 10%, you get **38.7350, 2.1026, 25.6654**, and if you desaturate by 10%, it is **47.8650, 1.5456, 17.6584**.

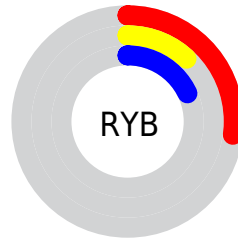
Distribution



Red (27%)

Green (12%)

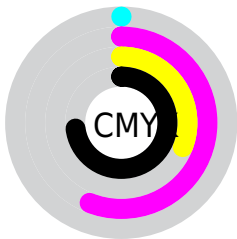
Blue (18%)



Red (27%)

Yellow (12%)

Blue (18%)

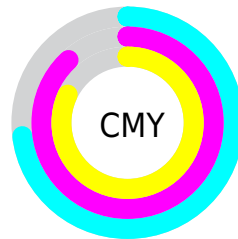


Cyan (0%)

Magenta (56%)

Yellow (31%)

Black (73%)



Cyan (73%)

Magenta (88%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.3000, 1.8241, 21.6619 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 43.3000, 1.8241, 21.6619 by changing the saturation by 10% instead.

■ 43.3000, 1.8241,
21.6619

■ 43.3000, 1.8241,
21.6619

■ 255.0000, 0.0000,
0.0000

■ 21.1150, 2.4083,
20.9471

■ 89.9090, 1.5239,
24.6358

■ 5.9800, -2.9481,
12.2955

■ 115.0940, 0.9397,
25.3506

■ 0.0000, 0.0000,
0.0000

■ 140.8060, 1.0816,
26.4801

■ 167.1050, 0.9342,
27.0949

■ 194.8170, 1.0762,
28.2245

■ 222.2300, 1.3656,

28.7393

242.4450, 5.2036,
11.0107

43.3000, 1.8241,
21.6619

43.3000, 1.8241,
21.6619

38.7350, 2.1026,
25.6654

47.8650, 1.5456,
17.6584

34.1700, 2.3812,
29.6689

52.4300, 1.2670,
13.6549

30.3060, 2.8071,
33.0576

56.2940, 0.8411,
10.2662

25.7410, 3.0857,
37.0611

60.8590, 0.5625,
6.2627

23.7520, 3.0803,
38.8055

65.4240, 0.2840,
2.2592

■ 69.9890, 0.0054,
-1.7444

■ 74.4400, -0.7099,
-5.6479

■ 78.4180, -0.6991,
-9.1366

■ 82.9830, -0.9776,
-13.1401

Harmonies

Analogous

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



43.9550, 8.4032, 11.4405



43.3000, 1.8241, 21.6619



42.1880, -5.0227, 24.3911

Triad

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



43.3000, 1.8241, 21.6619



39.8570, -13.2405, 0.1254



36.2870, 14.6485, -31.8237

Complementary

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



43.3000, 1.8241, 21.6619



54.7000, -1.8241, -21.6619

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.



35.3920, 8.6807, -31.0388



43.3000, 1.8241, 21.6619



37.3760, -7.0874, -13.4848

Square

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



43.3000, 1.8241, 21.6619



41.1790, -14.8782, 12.1210



33.6820, 2.1288, -29.5391



34.6230, 18.4269, -30.3644

Rectangle

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



43.3000, 1.8241, 21.6619



42.3250, -9.5272, 22.5170



33.6820, 2.1288, -29.5391



35.8310, 12.9013, -31.4238

Sweetspot

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



43.3000, 1.8241, 21.6619



79.2830, 0.8465, 8.5218



40.6110, 13.5028, 9.1112



40.1470, 0.4205, 5.1331



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.



43.3000, 1.8241, 21.6619



50.0180, 2.9491, 34.1872



42.5360, -6.1802, 22.3319



31.0110, -0.0054, 1.7444



33.9050, 4.4838, 55.3343



78.3760, 10.6606, 127.7122

Inverse Universe

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



43.3000, 1.8241, 21.6619



50.0180, 2.9491, 34.1872



55.4640, 6.1802, -22.3319



31.0110, -0.0054, 1.7444



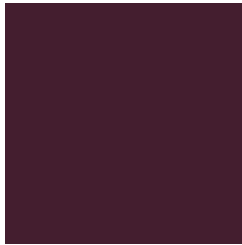
33.9050, 4.4838, 55.3343



78.3760, 10.6606, 127.7122

Previews

White Background



This preview shows how the YUV color 43.3000, 1.8241, 21.6619 looks on a white background.

Color Contrast Check

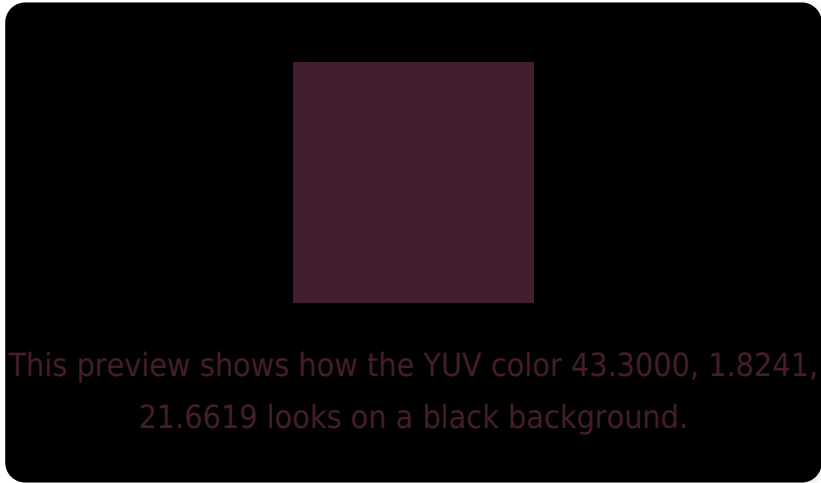
Large Text (above 18pt) WCAG AA ✓ Pass

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

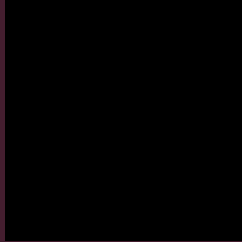
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.3000, 1.8241, 21.6619

Background



This preview shows how black text looks on a background with the YUV color 43.3000, 1.8241, 21.6619.



This preview shows how white text looks on a background with the YUV color 43.3000, 1.8241,

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

43.3000, 1.8241, 21.6619

Protanopia

43.4710, 5.6838, -3.0441

Deuteranopia

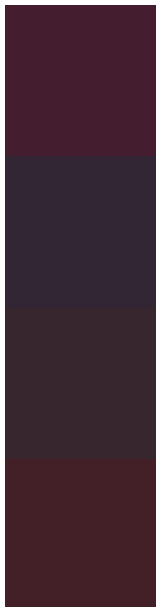
43.8370, 0.5734, 2.7740



Tritanopia

43.3940, -4.1382, 20.7025

Trichromacy



Original Color

43.3000, 1.8241, 21.6619

Protanomaly

43.1840, 4.3463, 5.9776

Deuteranomaly

43.9950, 0.9885, 9.6514

Tritanomaly

43.2630, -2.1017, 20.8173

Monochromacy



Original Color

43.3000, 1.8241, 21.6619

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.8700, 0.5571, 8.0070

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.3000, 1.8241, 21.6619 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(68, 30, 47)` looks like.

```
.text, #text, p{  
    color:rgb(68, 30, 47)  
}
```

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(68, 30, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 30, 47) }
```

Border

The CSS property to change the border of an element to YUV 43.3000, 1.8241, 21.6619 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(68, 30, 47) }
```


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

```
.border{ border-color:rgb(68, 30, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 30, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 30, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 30, 47);  
box-shadow:4px 4px 4px 4px rgb(68, 30, 47)  
}
```

Background

The CSS property to change the background color of an element to YUV 43.3000, 1.8241, 21.6619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 30, 47) }
```

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

```
.background{ background-color: rgb(68, 30,  
47) }
```

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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