

Converting Colors

YUV(44.8400, -3.8651, 26.4503)

Have a look what the booklet for
YUV(44.8400, -3.8651, 26.4503)
contains.

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Color

**YUV(44.8400, -3.8651,
26.4503)**

Conversions

Conversions Part 1

Format	Color
Hex	4B1F25
RGB	75, 31, 37
RGB Percent	29%, 12%, 15%
CMY	0.7059, 0.8784, 0.8549
CMYK	0.00, 0.59, 0.51, 0.71
HSL	352°, 42%, 21%
HSV	352°, 59%, 29%
XYZ	3.7256, 2.6094, 2.0576
YIQ	44.8400, 24.2980, 11.1940

Conversions

Conversions Part 2

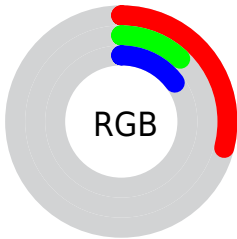
Format	Color
RYB	75, 31, 37
Decimal	4923173
CIELab	18.41, 21.54, 6.05
CIELCh	18, 22.376, 15.686
Yxy	2.6094, 0.4439, 0.3109
Android (android.graphics.Color)	4283113253 (0xFF4B1F25)
YUV	44.8400, -3.8651, 26.4503
Hunter-Lab	16.1536, 12.8992, 3.7555

Details

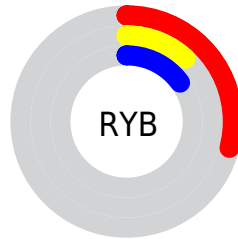
The YUV color **44.8400, -3.8651, 26.4503** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **61.1600, 3.8651, -26.4503**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.1070, -5.4758, 29.7242**, and **8.4860, -3.6906, 17.1138** is the 20% darker color. If you saturate the color by 10%, you get **40.0470, -4.4602, 30.6538**, and if you desaturate by 10%, it is **50.2200, -3.5595, 21.7321**.

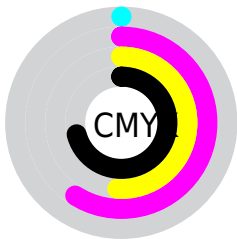
Distribution



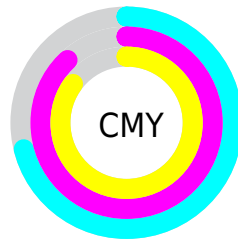
- Red (29%)
- Green (12%)
- Blue (15%)



- Red (29%)
- Yellow (12%)
- Blue (15%)



- Cyan (0%)
- Magenta (59%)
- Yellow (51%)
- Black (71%)



- Cyan (71%)
- Magenta (88%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.8400, -3.8651, 26.4503 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 44.8400, -3.8651, 26.4503 by changing the saturation by 10% instead.

■ 44.8400, -3.8651,
26.4503

■ 44.8400, -3.8651,
26.4503

255.0000, 0.0000,
0.0000

■ 22.3560, -3.1335,
25.1208

■ 92.1070, -5.4758,
29.7242

■ 8.4860, -3.6906,
17.1138

■ 117.1180, -5.4812,
31.4685

■ 0.0000, 0.0000,
0.0000

■ 142.7160, -5.7760,
32.6981

■ 169.9010, -6.3602,
33.4128

■ 196.9120, -6.3656,
35.1572

■ 221.8080, -5.3283,

29.1094

241.5500, -0.7642,
11.7956

44.8400, -3.8651,
26.4503

44.8400, -3.8651,
26.4503

40.0470, -4.4602,
30.6538

50.2200, -3.5595,
21.7321

34.5530, -5.2026,
35.4720

55.1270, -2.5276,
17.4286

29.7600, -5.7977,
39.6755

60.5070, -2.2220,
12.7104

24.2660, -6.5401,
44.4937

65.4140, -1.1901,
8.4069

23.5650, -6.6875,
45.1085

70.7940, -0.8844,
3.6887

■ 75.7010, 0.1474,
-0.6148

■ 81.0810, 0.4531,
-5.3330

■ 85.9880, 1.4849,
-9.6365

■ 91.3680, 1.7906,
-14.3547

Harmonies

Analogous

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



46.0550, 3.4239, 21.8768



44.8400, -3.8651, 26.4503



44.2820, -10.9850, 23.4317

Triad

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



44.8400, -3.8651, 26.4503



39.8170, -9.2768, -11.2405



37.4270, 19.0165, -32.8235

Complementary

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



44.8400, -3.8651, 26.4503



61.1600, 3.8651, -26.4503

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.



38.2760, 14.6539, -33.5681



44.8400, -3.8651, 26.4503



34.6280, 0.6764, -30.3688

Square

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



44.8400, -3.8651, 26.4503



42.5970, -15.5773, 2.9844



37.1530, 7.8126, -32.5832



44.0600, 15.7464, -10.5766

Rectangle

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



44.8400, -3.8651, 26.4503



44.0380, -14.3157, 18.3837



37.1530, 7.8126, -32.5832



37.7860, 17.8535, -33.1383

Sweetspot

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



44.8400, -3.8651, 26.4503



84.7240, -1.3429, 10.7661



47.0790, 13.7651, 18.3477



41.1040, -1.0373, 6.0478



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.



44.8400, -3.8651, 26.4503



50.3580, -6.0925, 40.9050



52.9610, -10.8268, 19.3282



35.3100, -0.1528, 2.3591



32.0940, -8.9203, 61.3076



72.3040, -20.3629, 138.2994

Inverse Universe

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



44.8400, -3.8651, 26.4503



50.3580, -6.0925, 40.9050



53.0390, 10.8268, -19.3282



35.3100, -0.1528, 2.3591



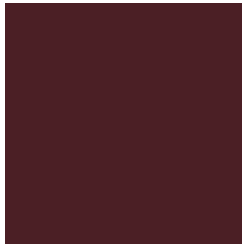
32.0940, -8.9203, 61.3076



72.3040, -20.3629, 138.2994

Previews

White Background



This preview shows how the YUV color 44.8400, -3.8651, 26.4503 looks on a white background.

Color Contrast Check

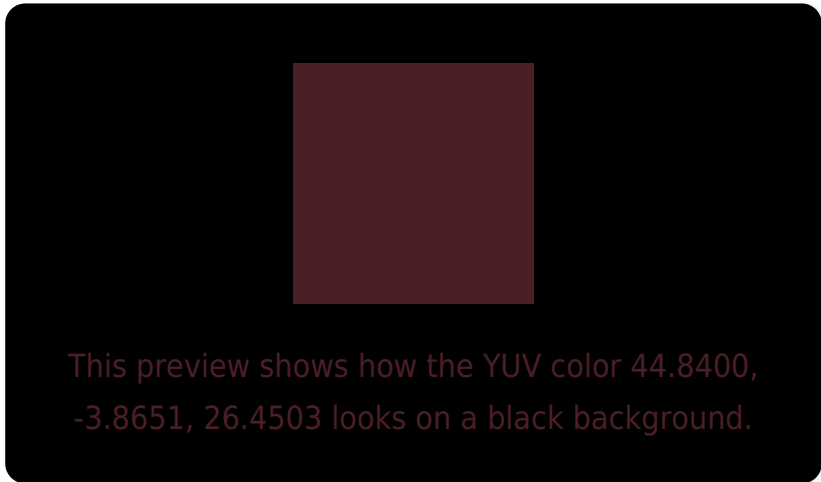
Large Text (above 18pt) WCAG AA ✓ Pass

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

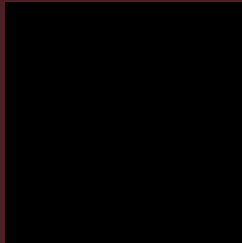
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.8400, -3.8651, 26.4503

Background



This preview shows how black text looks on a background with the YUV color 44.8400, -3.8651, 26.4503.

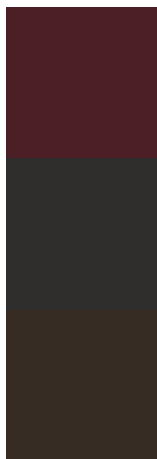


This preview shows how white text looks on a background with the YUV color 44.8400, -3.8651,

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

44.8400, -3.8651, 26.4503

Protanopia

46.0710, -1.0210, 0.8147

Deuteranopia

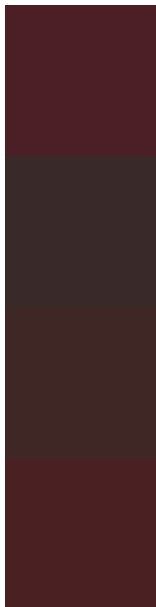
45.9640, -5.4053, 7.0476



Tritanopia

45.0850, -5.4649, 26.2355

Trichromacy



Original Color

44.8400, -3.8651, 26.4503

Protanomaly

45.7840, -2.3585, 9.8364

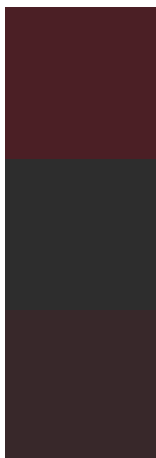
Deuteranomaly

45.5350, -4.7008, 14.4398

Tritanomaly

45.1990, -5.0281, 26.1355

Monochromacy



Original Color

44.8400, -3.8651, 26.4503

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.0120, -1.4849, 9.6365

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.8400, -3.8651, 26.4503 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(75, 31, 37)` looks like.

```
.text, #text, p{  
    color:rgb(75, 31, 37)  
}
```

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(75, 31, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 31, 37) }
```

Border

The CSS property to change the border of an element to YUV 44.8400, -3.8651, 26.4503 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(75, 31, 37) }
```


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

```
.border{ border-color:rgb(75, 31, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 31, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 31, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 31, 37);  
box-shadow:4px 4px 4px 4px rgb(75, 31, 37)  
}
```

Background

The CSS property to change the background color of an element to YUV 44.8400, -3.8651, 26.4503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 31, 37) }
```

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

```
.background{ background-color: rgb(75, 31,  
37) }
```

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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