

Converting Colors

YUV(48.8270, 2.5503, 22.0767)

Have a look what the booklet for
YUV(48.8270, 2.5503, 22.0767)
contains.

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Color

**YUV(48.8270, 2.5503,
22.0767)**

Conversions

Conversions Part 1

Format	Color
Hex	4A2336
RGB	74, 35, 54
RGB Percent	29%, 14%, 21%
CMY	0.7098, 0.8627, 0.7882
CMYK	0.00, 0.53, 0.27, 0.71
HSL	331°, 36%, 21%
HSV	331°, 53%, 29%
XYZ	4.0909, 2.9243, 3.8388
YIQ	48.8270, 17.1450, 14.1770

Conversions

Conversions Part 2

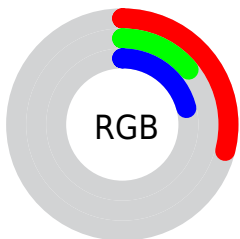
Format	Color
R_{YB}	74, 35, 54
Decimal	4858678
CIE Lab	19.74, 21.18, -3.96
CIE LCh	20, 21.550, 349.401
Yxy	2.9243, 0.3769, 0.2694
Android (android.graphics.Color)	4283048758 (0xFF4A2336)
YUV	48.8270, 2.5503, 22.0767
Hunter-Lab	17.1004, 12.7766, -1.3396

Details


The YUV color **48.8270, 2.5503, 22.0767** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **60.1730, -2.5503, -22.0767**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.1370, 2.3975, 24.4359**, and **10.5940, -0.7858, 18.7731** is the 20% darker color. If you saturate the color by 10%, you get **44.2620, 2.8288, 26.0802**, and if you desaturate by 10%, it is **53.3920, 2.2717, 18.0732**.

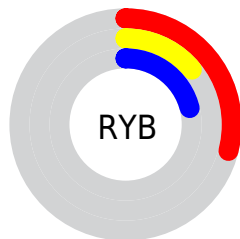
Distribution



 Red (29%)

 Green (14%)

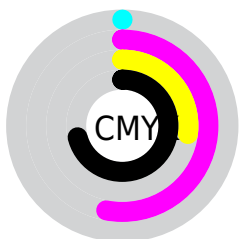
 Blue (21%)




 Red (29%)

 Yellow (14%)

 Blue (21%)

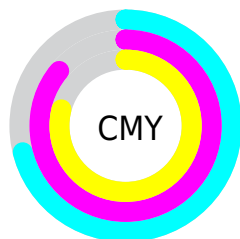



 Cyan (0%)


 Magenta (53%)

 Yellow (27%)

 Black (71%)



 Cyan (71%)

 Magenta (86%)

 Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.8270, 2.5503, 22.0767 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 48.8270, 2.5503, 22.0767 by changing the saturation by 10% instead.

■ 48.8270, 2.5503,
22.0767

■ 48.8270, 2.5503,
22.0767

■ 255.0000, 0.0000,
0.0000

■ 26.3430, 3.2819,
20.7472

■ 96.1370, 2.3975,
24.4359

■ 10.5940, -0.7858,
18.7731

■ 120.8490, 2.5394,
25.5654

■ 0.0000, 0.0000,
0.0000

■ 147.0340, 1.9552,
26.2802

■ 173.7460, 2.0972,
27.4098

■ 201.4580, 2.2392,
28.5393

■ 227.3650, 3.2711,

24.2359

246.1950, 4.3409,
7.7220

48.8270, 2.5503,
22.0767

48.8270, 2.5503,
22.0767

44.2620, 2.8288,
26.0802

53.3920, 2.2717,
18.0732

39.1100, 3.3968,
30.5985

58.5440, 1.7038,
13.5549

34.6590, 4.1121,
34.5021

62.9950, 0.9885,
9.6514

29.5070, 4.6800,
39.0204

68.1470, 0.4205,
5.1331

26.2300, 4.8166,
41.8943

72.7120, 0.1420,
1.1296

■ 77.2770, -0.1366,
-2.8739

■ 82.4290, -0.7045,
-7.3922

■ 86.8800, -1.4198,
-11.2958

■ 92.0320, -1.9878,
-15.8141

Harmonies

Analogous

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



49.7700, 8.9874, 10.7257



48.8270, 2.5503, 22.0767



47.9000, -4.8807, 25.5207

Triad

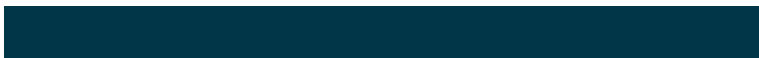
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.8270, 2.5503, 22.0767



45.3410, -13.9721, 1.4549



39.7920, 15.3855, -34.8976

Complementary

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



48.8270, 2.5503, 22.0767



60.1730, -2.5503, -22.0767

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.



39.4840, 9.1284, -34.6275



48.8270, 2.5503, 22.0767



42.8600, -7.8190, -12.1552

Square

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



48.8270, 2.5503, 22.0767



46.7770, -15.1731, 13.3506



36.9590, 1.9922, -32.4130



38.8290, 19.3113, -34.0530

Rectangle

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



48.8270, 2.5503, 22.0767



47.4500, -9.0958, 24.1614



36.9590, 1.9922, -32.4130



39.9230, 13.3490, -35.0125

Sweetspot

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



48.8270, 2.5503, 22.0767



86.6960, 1.1359, 9.0366



45.4260, 14.0870, 8.3964



42.2610, 0.8573, 5.0331



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.



48.8270, 2.5503, 22.0767



57.6590, 4.1121, 34.5021



46.6610, -5.7489, 23.9763



35.4240, 0.2840, 2.2592



36.1980, 6.8044, 57.7084



81.5380, 15.0178, 130.2012

Inverse Universe

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



48.8270, 2.5503, 22.0767



57.6590, 4.1121, 34.5021



62.3390, 5.7489, -23.9763



35.4240, 0.2840, 2.2592



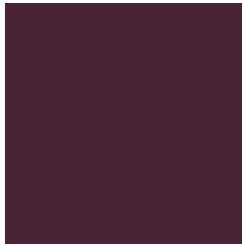
36.1980, 6.8044, 57.7084



81.5380, 15.0178, 130.2012

Previews

White Background



This preview shows how the YUV color 48.8270, 2.5503, 22.0767 looks on a white background.

Color Contrast Check

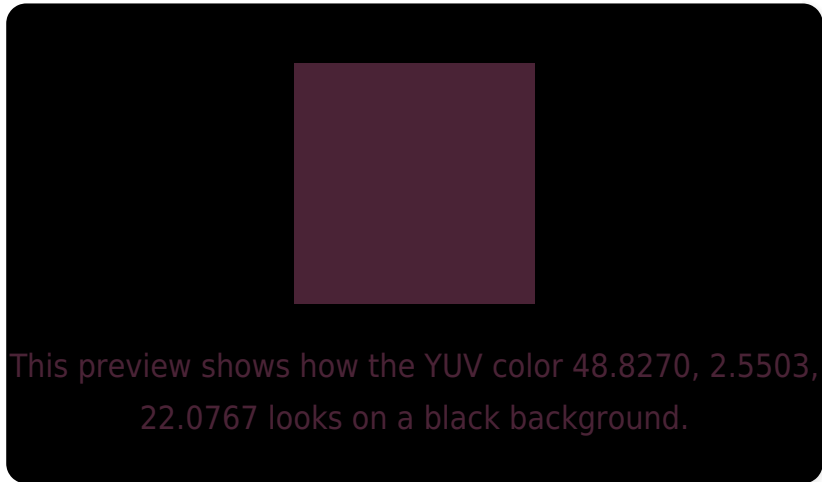
Large Text (above 18pt) WCAG AA ✓ Pass

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

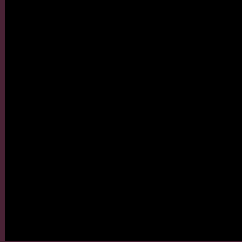
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.8270, 2.5503, 22.0767

Background



This preview shows how black text looks on a background with the YUV color 48.8270, 2.5503, 22.0767.



This preview shows how white text looks on a background with the YUV color 48.8270, 2.5503,

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

48.8270, 2.5503, 22.0767

Protanopia

48.8130, 6.9942, -3.3440

Deuteranopia

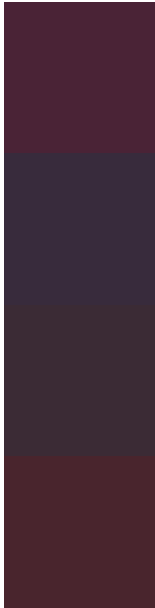
48.7660, 1.5944, 1.9592



Tritanopia

48.6930, -4.2856, 21.3172

Trichromacy



Original Color

48.8270, 2.5503, 22.0767

Protanomaly

48.8250, 5.5093, 6.2925

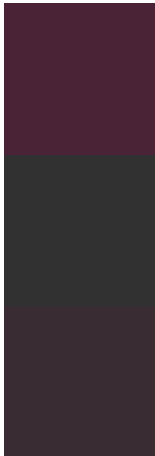
Deuteranomaly

48.9240, 2.0095, 8.8367

Tritanomaly

48.6760, -1.8123, 21.3321

Monochromacy



Original Color

48.8270, 2.5503, 22.0767

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.9840, 0.9939, 7.9070

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.8270, 2.5503, 22.0767 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, 35, 54)` looks like.

```
.text, #text, p{  
    color:rgb(74, 35, 54)  
}
```

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, 35, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 35, 54) }
```

Border

The CSS property to change the border of an element to YUV 48.8270, 2.5503, 22.0767 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, 35, 54) }
```


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

```
.border{ border-color:rgb(74, 35, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 35, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 35, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 35, 54);  
box-shadow:4px 4px 4px 4px rgb(74, 35, 54)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.8270, 2.5503, 22.0767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 35, 54) }
```

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

```
.background{ background-color: rgb(74, 35,  
54) }
```

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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