

Converting Colors

YUV(48.8430, 5.0074, 27.3247)

Have a look what the booklet for
YUV(48.8430, 5.0074, 27.3247)
contains.

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Color

**YUV(48.8430, 5.0074,
27.3247)**

Conversions

Conversions Part 1

Format	Color
Hex	501F3B
RGB	80, 31, 59
RGB Percent	31%, 12%, 23%
CMY	0.6863, 0.8784, 0.7686
CMYK	0.00, 0.61, 0.26, 0.69
HSL	326°, 44%, 22%
HSV	326°, 61%, 31%
XYZ	4.5877, 3.0012, 4.4752
YIQ	48.8430, 20.2160, 19.0960

Conversions

Conversions Part 2

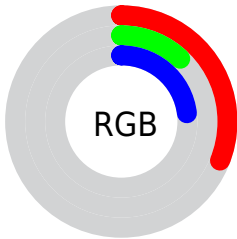
Format	Color
R_{YB}	80, 31, 59
Decimal	5250875
CIE Lab	20.05, 26.67, -6.87
CIE LCh	20, 27.536, 345.558
Yxy	3.0012, 0.3803, 0.2488
Android (android.graphics.Color)	4283440955 (0xFF501F3B)
YUV	48.8430, 5.0074, 27.3247
Hunter-Lab	17.3240, 16.9526, -3.1891

Details

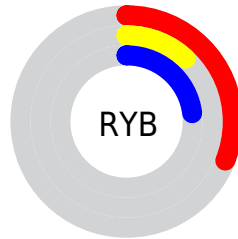
The YUV color **48.8430, 5.0074, 27.3247** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **62.1570, -5.0074, -27.3247**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.0390, 4.4178, 29.7838**, and **13.0010, 1.9715, 21.0471** is the 20% darker color. If you saturate the color by 10%, you get **43.8050, 6.0121, 31.7430**, and if you desaturate by 10%, it is **53.8810, 4.0027, 22.9064**.

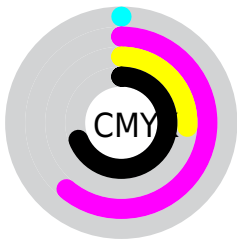
Distribution



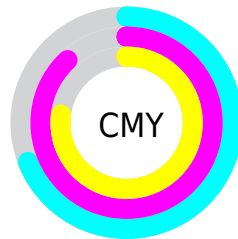
- Red (31%)
- Green (12%)
- Blue (23%)



- Red (31%)
- Yellow (12%)
- Blue (23%)



- Cyan (0%)
- Magenta (61%)
- Yellow (26%)
- Black (69%)



- Cyan (69%)
- Magenta (88%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.8430, 5.0074, 27.3247 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 48.8430, 5.0074, 27.3247 by changing the saturation by 10% instead.

48.8430, 5.0074,
27.3247

48.8430, 5.0074,
27.3247

255.0000, 0.0000,
0.0000

25.0710, 5.8810,
27.1247

97.0390, 4.4178,
29.7838

13.0010, 1.9715,
21.0471

122.0500, 4.4124,
31.5282

0.0000, 0.0000,
0.0000

148.3490, 4.2649,
32.1429

175.0610, 4.4069,
33.2725

202.7730, 4.5489,
34.4021

226.2880, 6.7600,

25.1804

244.4340, 5.2090,
9.2664

48.8430, 5.0074,
27.3247

48.8430, 5.0074,
27.3247

43.8050, 6.0121,
31.7430

53.8810, 4.0027,
22.9064

38.6530, 6.5801,
36.2613

59.0330, 3.4347,
18.3881

33.6150, 7.5848,
40.6796

64.0710, 2.4300,
13.9697

29.1640, 8.3001,
44.5832

69.2230, 1.8621,
9.4514

74.2610, 0.8573,
5.0331

■ 79.4130, 0.2894,
0.5148

■ 84.4510, -0.7153,
-3.9035

■ 89.4890, -1.7201,
-8.3219

■ 94.6410, -2.2880,
-12.8402

Harmonies

Analogous

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



50.5080, 13.0606, 10.9555



48.8430, 5.0074, 27.3247



47.4710, -4.1762, 32.9129

Triad

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



48.8430, 5.0074, 27.3247



45.0440, -20.2347, 3.4694



42.2370, 17.1382, -37.0418

Complementary

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



48.8430, 5.0074, 27.3247



62.1570, -5.0074, -27.3247

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.



40.7720, 8.9864, -35.7570



48.8430, 5.0074, 27.3247



42.1110, -11.8867, -14.1293

Square

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



48.8430, 5.0074, 27.3247



46.4310, -20.4255, 18.0390



37.7910, 0.1030, -33.1427



41.0290, 22.6637, -35.9824

Rectangle

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



48.8430, 5.0074, 27.3247



47.1520, -10.4279, 31.4387



37.7910, 0.1030, -33.1427



42.1400, 14.2280, -36.9568

Sweetspot

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



48.8430, 5.0074, 27.3247



92.8210, 1.5672, 10.6810



42.5660, 18.4550, 7.3966



46.3860, 1.2887, 6.6775



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



48.8430, 5.0074, 27.3247



55.3380, 7.7214, 43.5536



46.1070, -5.4758, 29.7242



38.4240, 0.2840, 2.2592



38.2350, 10.7301, 58.5529



84.5300, 23.8957, 129.3312

Inverse Universe

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



48.8430, 5.0074, 27.3247



55.3380, 7.7214, 43.5536



64.8930, 5.4758, -29.7242



38.4240, 0.2840, 2.2592



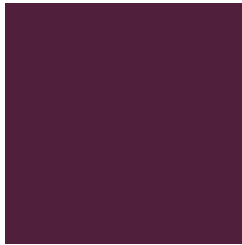
38.2350, 10.7301, 58.5529



84.5300, 23.8957, 129.3312

Previews

White Background



This preview shows how the YUV color 48.8430, 5.0074, 27.3247 looks on a white background.

Color Contrast Check

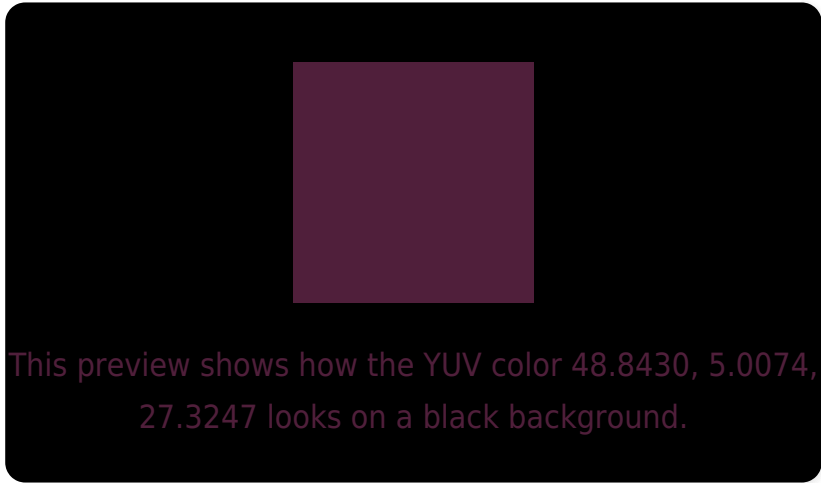
Large Text (above 18pt) WCAG AA ✓ Pass

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

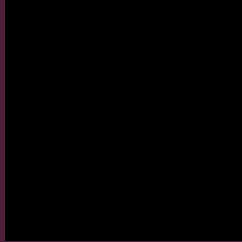
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.8430, 5.0074, 27.3247

Background



This preview shows how black text looks on a background with the YUV color 48.8430, 5.0074, 27.3247.



This preview shows how white text looks on a background with the YUV color 48.8430, 5.0074,

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

48.8430, 5.0074, 27.3247

Protanopia

49.5290, 11.0782, -6.6029

Deuteranopia

49.8090, 3.0522, 1.0445



Tritanopia

48.7860, -5.3175, 25.6207

Trichromacy



Original Color

48.8430, 5.0074, 27.3247

Protanomaly

49.0360, 8.8563, 6.1074

Deuteranomaly

49.6900, 3.6038, 10.7959

Tritanomaly

48.8230, -1.3917, 26.4652

Monochromacy



Original Color

48.8430, 5.0074, 27.3247

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.6360, 2.1515, 9.9662

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.8430, 5.0074, 27.3247 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(80, 31, 59)` looks like.

```
.text, #text, p{  
    color:rgb(80, 31, 59)  
}
```

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(80, 31, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 31, 59) }
```

Border

The CSS property to change the border of an element to YUV 48.8430, 5.0074, 27.3247 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(80, 31, 59) }
```


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

```
.border{ border-color:rgb(80, 31, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 31, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 31, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 31, 59);  
box-shadow:4px 4px 4px 4px rgb(80, 31, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.8430, 5.0074, 27.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 31, 59) }
```

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

```
.background{ background-color: rgb(80, 31,  
59) }
```

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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