

Converting Colors

YUV(25.0870, 4.8871, 19.2177)

Have a look what the booklet for
YUV(25.0870, 4.8871, 19.2177)
contains.

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Color

**YUV(25.0870, 4.8871,
19.2177)**

Conversions

Conversions Part 1

Format	Color
Hex	2F0C23
RGB	47, 12, 35
RGB Percent	18%, 5%, 14%
CMY	0.8157, 0.9529, 0.8627
CMYK	0.00, 0.74, 0.26, 0.82
HSL	321°, 59%, 12%
HSV	321°, 74%, 18%
XYZ	1.6071, 0.9886, 1.6962
YIQ	25.0870, 13.4770, 14.5730

Conversions

Conversions Part 2

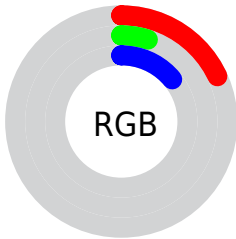
Format	Color
R_YB	47, 12, 35
Decimal	3083299
CIE Lab	8.90, 21.02, -7.03
CIE LCh	9, 22.165, 341.520
Yxy	0.9886, 0.3744, 0.2303
Android (android.graphics.Color)	4281273379 (0xFF2F0C23)
YUV	25.0870, 4.8871, 19.2177
Hunter-Lab	9.9430, 11.4516, -3.1545

Details

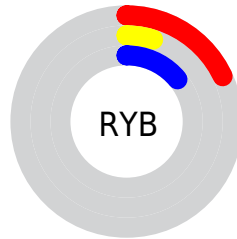
The YUV color **25.0870, 4.8871, 19.2177** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **33.9130, -4.8871, -19.2177**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **70.2830, 4.2975, 21.6768**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **21.9240, 5.4605, 21.9917**, and if you desaturate by 10%, it is **28.2500, 4.3138, 16.4438**.

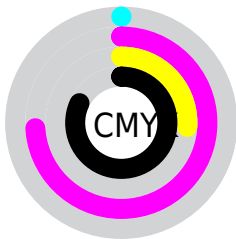
Distribution



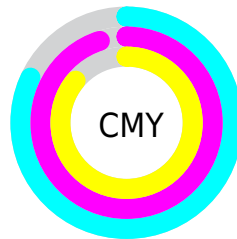
- Red (18%)
- Green (5%)
- Blue (14%)



- Red (18%)
- Yellow (5%)
- Blue (14%)



- Cyan (0%)
- Magenta (74%)
- Yellow (26%)
- Black (82%)



- Cyan (82%)
- Magenta (95%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.0870, 4.8871, 19.2177 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 25.0870, 4.8871, 19.2177 by changing the saturation by 10% instead.

■ 25.0870, 4.8871,
19.2177

■ 25.0870, 4.8871,
19.2177

■ 245.0210, 4.9196,
8.7516

■ 9.5550, 1.6984,
15.2993

■ 70.2830, 4.2975,
21.6768

■ 0.0000, 0.0000,
0.0000

■ 93.9950, 4.4395,
22.8064


■ 119.4080, 4.7289,
23.3212

■ 145.0060, 4.4340,
24.5507

■ 171.4190, 4.7234,
25.0655

■ 199.1310, 4.8654,

26.1951

 226.5330, 5.1602,
24.9656


 25.0870, 4.8871,
19.2177

 25.0870, 4.8871,
19.2177

 21.9240, 5.4605,
21.9917


 28.2500, 4.3138,
16.4438


 19.4620, 6.1812,
24.1508

 30.7120, 3.5930,
14.2846

 17.5870, 6.6126,
25.7952

 33.8750, 3.0196,
11.5106

 36.9240, 2.0095,
8.8367

 40.0870, 1.4361,
6.0627

■ 42.6630, 1.1521,
3.8035

■ 45.7120, 0.1420,
1.1296

■ 48.8750, -0.4314,
-1.6444

■ 51.4510, -0.7153,
-3.9035

Harmonies

Analogous

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



26.4920, 10.6034, 5.7075



25.0870, 4.8871, 19.2177



23.6980, -1.8231, 24.8209

Triad

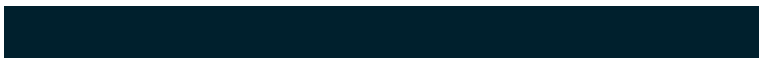
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25.0870, 4.8871, 19.2177



23.6340, -11.6516, 3.8290



23.9140, 10.3954, -20.9726

Complementary

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



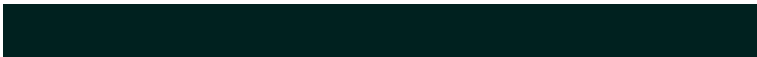
25.0870, 4.8871, 19.2177



33.9130, -4.8871, -19.2177

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.



22.9050, 3.9908, -20.0877



25.0870, 4.8871, 19.2177



21.1980, -10.4506, -8.0666

Square

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



25.0870, 4.8871, 19.2177



24.2870, -11.9735, 13.7803



20.3800, -3.1453, -17.8733



23.0650, 14.7580, -20.2280

Rectangle

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



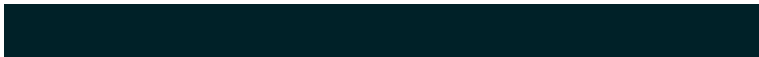
25.0870, 4.8871, 19.2177



22.8630, -8.8065, 24.6761



20.3800, -3.1453, -17.8733



23.9310, 7.9220, -20.9875

Sweetspot

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



25.0870, 4.8871, 19.2177



52.9130, 2.0149, 7.0923



19.5780, 13.5190, 3.8781



25.9620, 1.0047, 4.4183



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



25.0870, 4.8871, 19.2177



27.2500, 7.7648, 29.5987



23.1490, -2.5385, 20.9173



21.7120, 0.1420, 1.1296



32.5110, 12.0731, 47.7869



80.0600, 30.0434, 117.4654

Inverse Universe

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



25.0870, 4.8871, 19.2177



27.2500, 7.7648, 29.5987



35.8510, 2.5385, -20.9173



21.7120, 0.1420, 1.1296



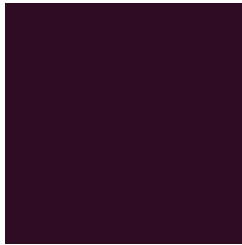
32.5110, 12.0731, 47.7869



80.0600, 30.0434, 117.4654

Previews

White Background



This preview shows how the YUV color 25.0870, 4.8871, 19.2177 looks on a white background.

Color Contrast Check

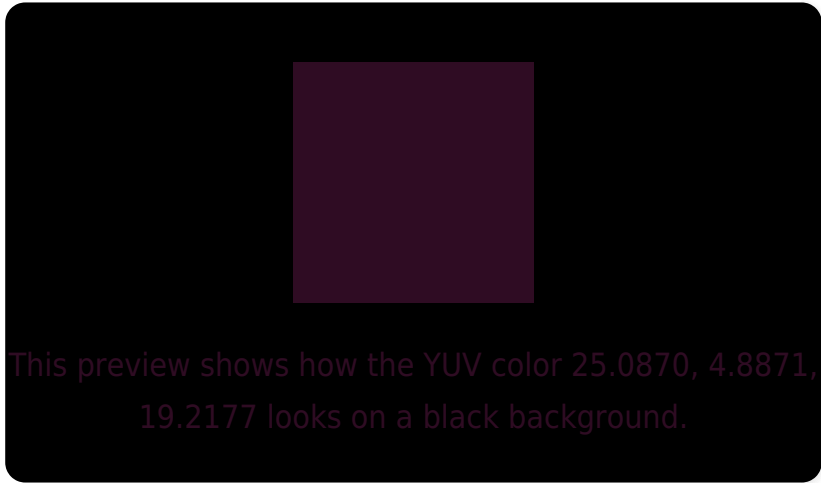
Large Text (above 18pt) WCAG AA ✓ Pass

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

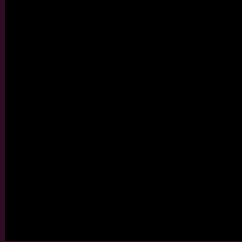
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.0870, 4.8871, 19.2177

Background



This preview shows how black text looks on a background with the YUV color 25.0870, 4.8871, 19.2177.



This preview shows how white text looks on a background with the YUV color 25.0870, 4.8871,

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

25.0870, 4.8871, 19.2177

Protanopia

26.1870, 9.7678, -6.3030

Deuteranopia

27.0970, 2.9102, -0.0851



Tritanopia

25.7850, -3.8380, 17.7286

Trichromacy



Original Color

25.0870, 4.8871, 19.2177

Protanomaly

25.7860, 7.9935, 2.8187

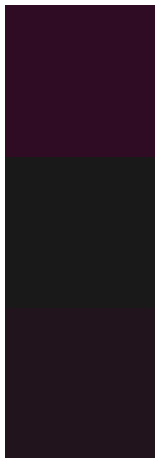
Deuteranomaly

26.3690, 3.7621, 6.6924

Tritanomaly

25.2950, -0.6384, 18.1583

Monochromacy



Original Color

25.0870, 4.8871, 19.2177

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

24.9130, 2.0149, 7.0923

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.0870, 4.8871, 19.2177 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(47, 12, 35)` looks like.

```
.text, #text, p{  
    color:rgb(47, 12, 35)  
}
```

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(47, 12, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 12, 35) }
```

Border

The CSS property to change the border of an element to YUV 25.0870, 4.8871, 19.2177 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(47, 12, 35) }
```


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

```
.border{ border-color:rgb(47, 12, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 12, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 12, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 12, 35);  
box-shadow:4px 4px 4px 4px rgb(47, 12, 35)  
}
```

Background

The CSS property to change the background color of an element to YUV 25.0870, 4.8871, 19.2177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 12, 35) }
```

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

```
.background{ background-color: rgb(47, 12,  
35) }
```

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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