

Converting Colors

YUV(48.2270, 9.2551, 18.2179)

Have a look what the booklet for
YUV(48.2270, 9.2551, 18.2179)
contains.

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Color

**YUV(48.2270, 9.2551,
18.2179)**

Conversions

Conversions Part 1

Format	Color
Hex	452243
RGB	69, 34, 67
RGB Percent	27%, 13%, 26%
CMY	0.7294, 0.8667, 0.7373
CMYK	0.00, 0.51, 0.03, 0.73
HSL	303°, 34%, 20%
HSV	303°, 51%, 27%
XYZ	4.0394, 2.8145, 5.6405
YIQ	48.2270, 10.2670, 17.6830

Conversions

Conversions Part 2

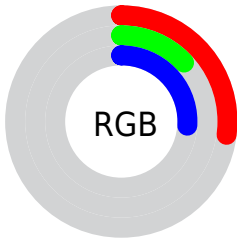
Format	Color
RYB	69, 34, 67
Decimal	4530755
CIELab	19.29, 22.40, -13.72
CIELCh	19, 26.264, 328.508
Yxy	2.8145, 0.3233, 0.2253
Android (android.graphics.Color)	4282720835 (0xFF452243)
YUV	48.2270, 9.2551, 18.2179
Hunter-Lab	16.7765, 13.6197, -8.1907

Details

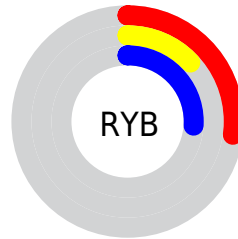
The YUV color **48.2270, 9.2551, 18.2179** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **54.7730, -9.2551, -18.2179**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.3520, 9.6865, 19.8623**, and **10.9230, 6.9400, 14.0995** is the 20% darker color. If you saturate the color by 10%, you get **44.1180, 11.2808, 21.8215**, and if you desaturate by 10%, it is **52.3360, 7.2294, 14.6143**.

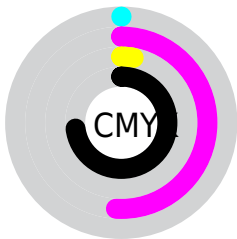
Distribution



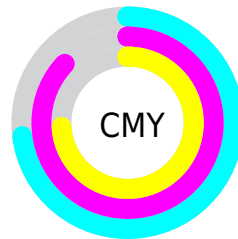
- Red (27%)
- Green (13%)
- Blue (26%)



- Red (27%)
- Yellow (13%)
- Blue (26%)



- Cyan (0%)
- Magenta (51%)
- Yellow (3%)
- Black (73%)



- Cyan (73%)
- Magenta (87%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.2270, 9.2551, 18.2179 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 48.2270, 9.2551, 18.2179 by changing the saturation by 10% instead.

■ 48.2270, 9.2551,
18.2179

■ 48.2270, 9.2551,
18.2179

■ 255.0000, 0.0000,
0.0000

■ 25.9280, 9.4025,
17.6031

■ 95.3520, 9.6865,
19.8623

■ 10.9230, 6.9400,
14.0995

■ 120.1780, 10.2652,
20.8919

■ 0.0000, 0.0000,
0.0000


■ 146.4770, 10.1178,
21.5067


■ 173.1890, 10.2598,
22.6362


■ 200.6020, 10.5492,
23.1510


■ 228.7160, 10.9860,

23.0511


 245.6080, 4.6303,
8.2368

 48.2270, 9.2551,
18.2179


 48.2270, 9.2551,
18.2179


 44.1180, 11.2808,
21.8215


 52.3360, 7.2294,
14.6143


 39.8950, 12.8698,
25.5251


 56.5590, 5.6404,
10.9108


 35.7860, 14.8955,
29.1287

 60.6680, 3.6147,
7.3072

 31.5630, 16.4844,
32.8322

 64.8910, 2.0257,
3.6036

 28.0410, 18.2208,
35.9210

 69.0000, 0.0000,
0.0000

■ 72.5220, -1.7363,
-3.0888

■ 76.7450, -3.3253,
-6.7924

■ 80.8540, -5.3510,
-10.3960

■ 85.0770, -6.9400,
-14.0995

Harmonies

Analogous

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



47.2290, 16.1561, -1.9548



48.2270, 9.2551, 18.2179



46.5290, 1.2182, 29.3541

Triad

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



48.2270, 9.2551, 18.2179



44.0990, -20.2618, 12.1912



40.1680, 11.7492, -35.2273

Complementary

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



48.2270, 9.2551, 18.2179



54.7730, -9.2551, -18.2179

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.



38.0020, 3.4500, -33.3278



48.2270, 9.2551, 18.2179



42.7380, -16.1398, -3.2782

Square

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



48.2270, 9.2551, 18.2179



45.4300, -15.4950, 23.3019



37.9510, -5.8918, -23.6360



40.7040, 18.8799, -35.6974

Rectangle

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



48.2270, 9.2551, 18.2179



46.2320, -5.0444, 31.3685



37.9510, -5.8918, -23.6360



39.4840, 9.1284, -34.6275

Sweetspot

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



48.2270, 9.2551, 18.2179



81.2550, 3.3253, 6.7924



38.5880, 14.9931, -2.2697



41.1900, 1.8783, 4.2184



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.



48.2270, 9.2551, 18.2179



56.9600, 14.3167, 28.0991



46.2890, 1.8295, 19.9175



33.5380, 0.7208, 2.1592



40.3170, 26.4657, 51.4650



92.2690, 60.0134, 118.1591

Inverse Universe

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



48.2270, 9.2551, 18.2179



56.9600, 14.3167, 28.0991



56.7110, -1.8295, -19.9175



33.5380, 0.7208, 2.1592



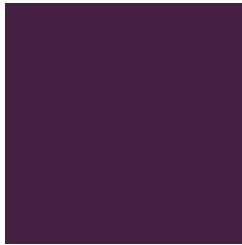
40.3170, 26.4657, 51.4650



92.2690, 60.0134, 118.1591

Previews

White Background



This preview shows how the YUV color 48.2270, 9.2551, 18.2179 looks on a white background.

Color Contrast Check

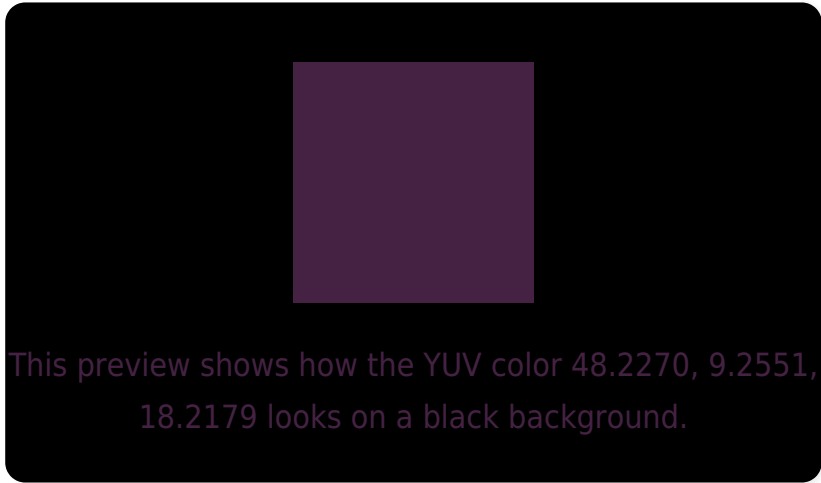
Large Text (above 18pt) WCAG AA ✓ Pass

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

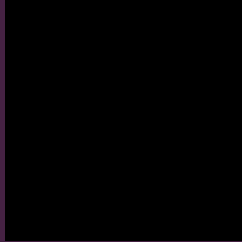
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.2270, 9.2551, 18.2179

Background



This preview shows how black text looks on a background with the YUV color 48.2270, 9.2551, 18.2179.



This preview shows how white text looks on a background with the YUV color 48.2270, 9.2551, 18.2179.

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

48.2270, 9.2551, 18.2179

Protanopia

46.2450, 15.1622, -9.8619

Deuteranopia

47.5570, 8.5994, -4.8735



Tritanopia

48.1160, -2.5222, 15.6843

Trichromacy



Original Color

48.2270, 9.2551, 18.2179

Protanomaly

47.0290, 12.8037, -0.0254

Deuteranomaly

47.7260, 9.0091, 3.7483

Tritanomaly

48.2670, 1.8404, 16.4288

Monochromacy



Original Color

48.2270, 9.2551, 18.2179

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.2550, 3.3253, 6.7924

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.2270, 9.2551, 18.2179 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(69, 34, 67)` looks like.

```
.text, #text, p{  
    color:rgb(69, 34, 67)  
}
```

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(69, 34, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 34, 67) }
```

Border

The CSS property to change the border of an element to YUV 48.2270, 9.2551, 18.2179 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(69, 34, 67) }
```


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

```
.border{ border-color:rgb(69, 34, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 34, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 34, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 34, 67);  
box-shadow:4px 4px 4px 4px rgb(69, 34, 67)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.2270, 9.2551, 18.2179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 34, 67) }
```

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

```
.background{ background-color: rgb(69, 34,  
67) }
```

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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