

Converting Colors

YUV(48.9270, 14.3330, 22.8660)

Have a look what the booklet for
YUV(48.9270, 14.3330, 22.8660)
contains.

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Color

**YUV(48.9270, 14.3330,
22.8660)**

Conversions

Conversions Part 1

Format	Color
Hex	4B1E4E
RGB	75, 30, 78
RGB Percent	29%, 12%, 31%
CMY	0.7059, 0.8824, 0.6941
CMYK	0.04, 0.62, 0.00, 0.69
HSL	296°, 44%, 21%
HSV	296°, 62%, 31%
XYZ	4.7411, 2.9745, 7.5320
YIQ	48.9270, 11.4120, 24.4680

Conversions

Conversions Part 2

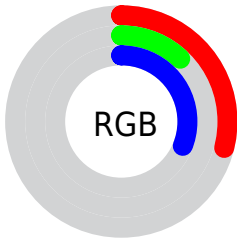
Format	Color
R_{YB}	75, 30, 78
Decimal	4922958
CIE Lab	19.94, 29.14, -20.13
CIE LCh	20, 35.415, 325.356
Yxy	2.9745, 0.3109, 0.1951
Android (android.graphics.Color)	4283113038 (0xFF4B1E4E)
YUV	48.9270, 14.3330, 22.8660
Hunter-Lab	17.2466, 18.8878, -13.8206

Details

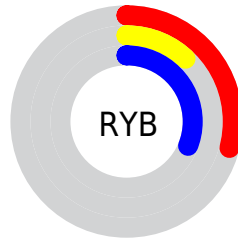
The YUV color **48.9270, 14.3330, 22.8660** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **59.0730, -14.3330, -22.8660**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.0520, 14.7644, 24.5104**, and **13.7430, 9.9867, 16.8884** is the 20% darker color. If you saturate the color by 10%, you get **44.2310, 16.6481, 26.9844**, and if you desaturate by 10%, it is **53.6230, 12.0179, 18.7476**.

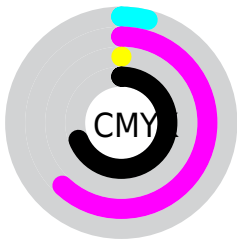
Distribution



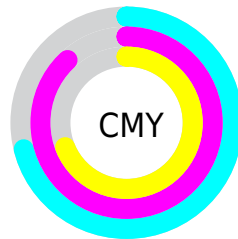
- Red (29%)
- Green (12%)
- Blue (31%)



- Red (29%)
- Yellow (12%)
- Blue (31%)



- Cyan (4%)
- Magenta (62%)
- Yellow (0%)
- Black (69%)



- Cyan (71%)
- Magenta (88%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.9270, 14.3330, 22.8660 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 48.9270, 14.3330, 22.8660 by changing the saturation by 10% instead.

■ 48.9270, 14.3330,
22.8660

■ 48.9270, 14.3330,
22.8660

■ 255.0000, 0.0000,
0.0000

■ 25.0410, 14.7698,
22.7660

■ 97.0520, 14.7644,
24.5104

■ 13.7430, 9.9867,
16.8884

■ 122.1770, 15.1957,
26.1548

■ 0.7980, 3.0576,
-0.6998

■ 148.5900, 15.4851,
26.6696

■ 0.0000, 0.0000,
0.0000

■ 175.4160, 16.0639,
27.6992

■ 202.8290, 16.3533,
28.2140

■ 227.4110, 13.6014,

24.1956

244.4340, 5.2090,
9.2664

48.9270, 14.3330,
22.8660

48.9270, 14.3330,
22.8660

44.2310, 16.6481,
26.9844

53.6230, 12.0179,
18.7476

39.2360, 19.1107,
30.4880

58.6180, 9.5553,
15.2440

35.1270, 21.1364,
34.0916

62.7270, 7.5296,
11.6404

30.7190, 23.3095,
37.0804

67.7220, 5.0671,
8.1368

72.4180, 2.7519,
4.0184

■ 77.4130, 0.2894,
0.5148

■ 82.1090, -2.0257,
-3.6036

■ 86.5170, -4.1989,
-6.5924

■ 91.2130, -6.5140,
-10.7108

Harmonies

Analogous

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



47.4330, 23.4505, -8.2727



48.9270, 14.3330, 22.8660



44.4040, 4.2378, 40.8647

Triad

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



48.9270, 14.3330, 22.8660



46.1380, -22.7460, 15.6650



43.2000, 13.2124, -37.8864

Complementary

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



48.9270, 14.3330, 22.8660



59.0730, -14.3330, -22.8660

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.



39.5350, 1.7082, -34.6722



48.9270, 14.3330, 22.8660



42.7720, -21.0866, -3.3080

Square

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



48.9270, 14.3330, 22.8660



45.0630, -22.2161, 32.3937



35.2830, -9.5065, -30.9432



44.4200, 22.9639, -38.9563

Rectangle

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



48.9270, 14.3330, 22.8660



43.9500, -3.9193, 43.8939



35.2830, -9.5065, -30.9432



42.1740, 9.2812, -36.9866

Sweetspot

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



48.9270, 14.3330, 22.8660



91.1350, 5.3564, 8.6516



37.2330, 20.0981, -6.3433



44.2440, 3.3307, 5.0480



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



48.9270, 14.3330, 22.8660



56.4800, 22.4414, 35.5360



47.4300, 4.7180, 26.8099



35.6520, 1.1576, 2.0592



40.3320, 30.4023, 48.8208



90.5050, 68.7710, 109.1821

Inverse Universe

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



44.6940, -5.7651, 29.2094



49.8810, -9.3083, 45.7084



60.5700, -4.7180, -26.8099



35.3100, -0.1528, 2.3591



31.1820, -12.4147, 62.1074



70.3660, -27.7884, 139.9990

Previews

White Background



This preview shows how the YUV color 48.9270, 14.3330, 22.8660 looks on a white background.

Color Contrast Check

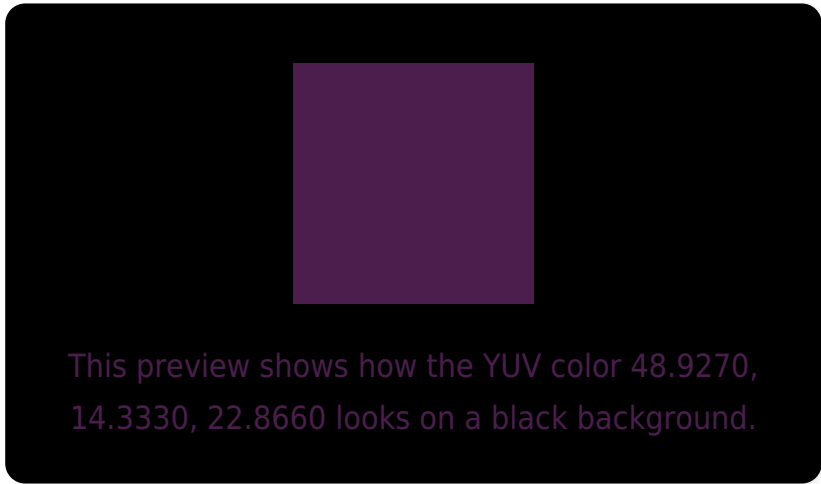
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.9270, 14.3330, 22.8660

Background



This preview shows how black text looks on a background with the YUV color 48.9270, 14.3330, 22.8660.



This preview shows how white text looks on a background with the YUV color 48.9270, 14.3330,

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

48.9270, 14.3330, 22.8660

Protanopia

45.5840, 24.3621, -20.6832

Deuteranopia

48.3760, 13.1256, -9.9768



Tritanopia

49.6110, -3.2592, 18.7582

Trichromacy



Original Color

48.9270, 14.3330, 22.8660

Protanomaly

46.4720, 20.9663, -4.7989

Deuteranomaly

48.5670, 13.5245, 2.1337

Tritanomaly

49.0440, 3.4293, 20.1324

Monochromacy



Original Color

48.9270, 14.3330, 22.8660

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.8360, 5.5039, 8.0368

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.9270, 14.3330, 22.8660 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, 30, 78)` looks like.

```
.text, #text, p{  
    color:rgb(75, 30, 78)  
}
```

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, 30, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 30, 78) }
```

Border

The CSS property to change the border of an element to YUV 48.9270, 14.3330, 22.8660 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, 30, 78) }
```


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

```
.border{ border-color:rgb(75, 30, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 30, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 30, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 30, 78);  
box-shadow:4px 4px 4px 4px rgb(75, 30, 78)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.9270, 14.3330, 22.8660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 30, 78) }
```

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

```
.background{ background-color: rgb(75, 30,  
78) }
```

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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