

# Converting Colors

YUV(47.9160, 14.3384, 21.1217)

Have a look what the booklet for  
YUV(47.9160, 14.3384, 21.1217)  
contains.

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# Color

**YUV(47.9160, 14.3384,  
21.1217)**

# Conversions

## Conversions Part 1

Format	Color
Hex	481E4D
RGB	72, 30, 77
RGB Percent	28%, 12%, 30%
CMY	0.7176, 0.8824, 0.6980
CMYK	0.06, 0.61, 0.00, 0.70
HSL	294°, 44%, 21%
HSV	294°, 61%, 30%
XYZ	4.4763, 2.8421, 7.3338
YIQ	47.9160, 9.9450, 23.5210

# Conversions

## Conversions Part 2

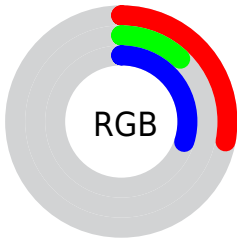
<b>Format</b>	<b>Color</b>
<b>RYB</b>	72, 30, 77
Decimal	4726349
CIELab	19.40, 27.98, -20.34
CIElCh	19, 34.590, 323.983
Yxy	2.8421, 0.3055, 0.1940
Android (android.graphics.Color)	4282916429 (0xFF481E4D)
YUV	47.9160, 14.3384, 21.1217
Hunter-Lab	16.8585, 17.8935, -13.9916

# Details

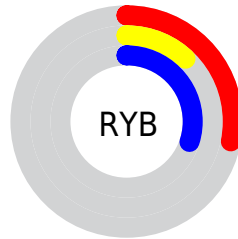
The YUV color **47.9160, 14.3384, 21.1217** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **59.0840, -14.3384, -21.1217**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.0410, 14.7698, 22.7660**, and **12.7320, 9.9921, 15.1440** is the 20% darker color. If you saturate the color by 10%, you get **42.9210, 16.8009, 24.6253**, and if you desaturate by 10%, it is **52.9110, 11.8759, 17.6181**.

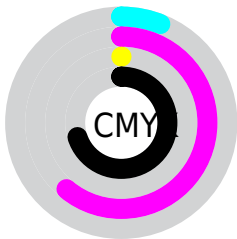
# Distribution



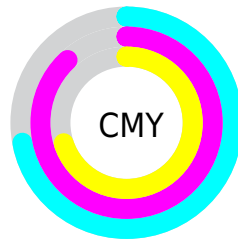
- Red (28%)
- Green (12%)
- Blue (30%)



- Red (28%)
- Yellow (12%)
- Blue (30%)



- Cyan (6%)
- Magenta (61%)
- Yellow (0%)
- Black (70%)



- Cyan (72%)
- Magenta (88%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 47.9160, 14.3384, 21.1217 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 47.9160, 14.3384, 21.1217 by changing the saturation by 10% instead.



47.9160, 14.3384,  
21.1217

47.9160, 14.3384,  
21.1217

255.0000, 0.0000,  
0.0000

24.6170, 14.4858,  
20.5069

96.0410, 14.7698,  
22.7660

12.7320, 9.9921,  
15.1440

120.8670, 15.3486,  
23.7956

0.5700, 2.1840,  
-0.4999

146.6930, 15.9274,  
24.8252

0.0000, 0.0000,  
0.0000


174.1060, 16.2167,  
25.3400


201.8180, 16.3587,  
26.4696


226.8240, 13.8908,


24.7104


 243.8470, 5.4984,  
9.7812


 47.9160, 14.3384,  
21.1217


 47.9160, 14.3384,  
21.1217


 42.9210, 16.8009,  
24.6253


 52.9110, 11.8759,  
17.6181


 38.5130, 18.9741,  
27.6141


 57.3190, 9.7027,  
14.6292

 33.8170, 21.2892,  
31.7325

 62.0150, 7.3876,  
10.5108

 29.4090, 23.4624,  
34.7213

 67.0100, 4.9251,  
7.0072

 72.0050, 2.4625,  
3.5036

■ 76.4130, 0.2894,  
0.5148

■ 81.4080, -2.1731,  
-2.9888

■ 86.4030, -4.6357,  
-6.4924

■ 90.5120, -6.6614,  
-10.0960

# Harmonies

## Analogous

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



46.0090, 23.1666, -10.5319



47.9160, 14.3384, 21.1217



43.8060, 4.5326, 39.6351

# Triad

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



47.9160, 14.3384, 21.1217



44.6650, -22.0198, 16.0798



41.6840, 12.4808, -36.5569

# Complementary

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



47.9160, 14.3384, 21.1217



59.0840, -14.3384, -21.1217

# 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.



38.7200, 1.1240, -33.9574



47.9160, 14.3384, 21.1217



42.4840, -20.9446, -2.1785

# Square

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



47.9160, 14.3384, 21.1217



43.7040, -21.0531, 32.7086



34.5820, -9.6539, -30.3284



43.4910, 21.9429, -38.1416



# Rectangle

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



47.9160, 14.3384, 21.1217



42.4660, -3.1877, 42.5643



34.5820, -9.6539, -30.3284



40.6580, 8.5496, -35.6571

# Sweetspot

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



47.9160, 14.3384, 21.1217



88.7220, 5.0671, 8.1368



38.2930, 19.0826, -7.2730



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.



47.9160, 14.3384, 21.1217



54.6430, 21.8680, 32.7621



47.3590, 5.7390, 25.9952



35.6520, 1.1576, 2.0592



38.8370, 31.1394, 45.7470



87.5150, 70.2451, 103.0343



# Inverse Universe

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



44.6230, -4.7441, 28.3946



49.4400, -7.1189, 43.4641



59.6410, -5.7390, -25.9952



35.3100, -0.1528, 2.3591



31.7520, -10.2307, 61.6075

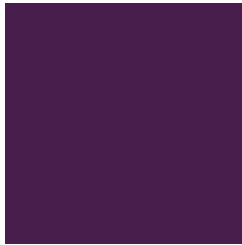


71.5060, -23.4205, 138.9992



# Previews

## White Background



This preview shows how the YUV color 47.9160, 14.3384, 21.1217 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

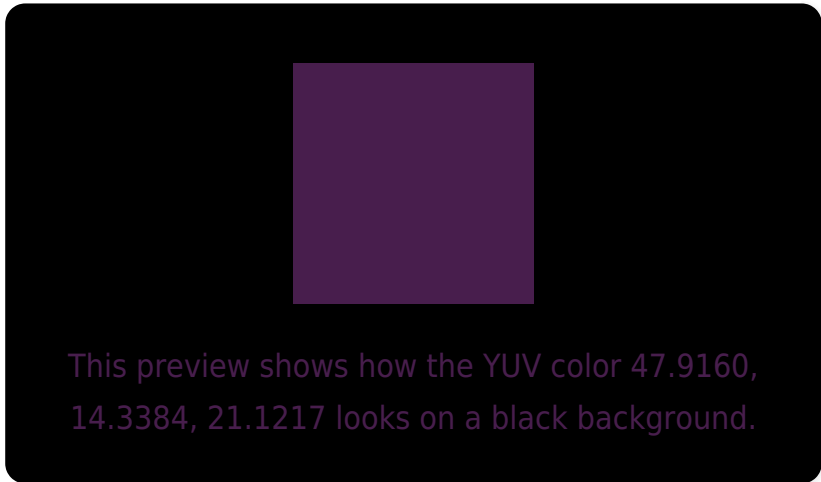
Any Text WCAG AA ✓ Pass

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

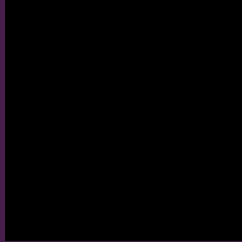
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 47.9160, 14.3384, 21.1217

## Background



This preview shows how black text looks on a background with the YUV color 47.9160, 14.3384, 21.1217.



This preview shows how white text looks on a background with the YUV color 47.9160, 14.3384,



# 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

47.9160, 14.3384, 21.1217

### Protanopia

43.8830, 24.2147, -20.0684

### Deuteranopia

47.0770, 13.2730, -10.5915



## Tritanopia

48.7140, -2.8170, 16.9138

# Trichromacy



## Original Color

47.9160, 14.3384, 21.1217

## Protanomaly

45.3580, 20.5295, -4.6990

## Deuteranomaly

46.9690, 13.8193, 0.9042

## Tritanomaly

48.0330, 3.4347, 18.3881

# Monochromacy



## Original Color

47.9160, 14.3384, 21.1217

## Achromatopsia

48.0000, 0.0000, 0.0000

## Achromatomaly

47.8360, 5.5039, 8.0368

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 47.9160, 14.3384, 21.1217 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(72, 30, 77)` looks like.

```
.text, #text, p{  
    color:rgb(72, 30, 77)  
}
```

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(72, 30, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 30, 77) }
```

## Border

The CSS property to change the border of an element to YUV 47.9160, 14.3384, 21.1217 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(72, 30, 77) }
```



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

```
.border{ border-color:rgb(72, 30, 77) }
```

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

Here you see how a box with a 4 pixel rgb(72, 30, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 30, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 30, 77);  
box-shadow:4px 4px 4px 4px rgb(72, 30, 77)  
}
```

# Background

The CSS property to change the background color of an element to YUV 47.9160, 14.3384, 21.1217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 30, 77) }
```

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

```
.background{ background-color: rgb(72, 30,  
77) }
```

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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