

# Converting Colors

YUV(62.4190, 21.4854, 15.4185)

Have a look what the booklet for  
YUV(62.4190, 21.4854, 15.4185)  
contains.

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# Color

**YUV(62.4190, 21.4854,  
15.4185)**

# Conversions

## Conversions Part 1

Format	Color
Hex	502D6A
RGB	80, 45, 106
RGB Percent	31%, 18%, 42%
CMY	0.6863, 0.8235, 0.5843
CMYK	0.25, 0.58, 0.00, 0.58
HSL	274°, 40%, 30%
HSV	274°, 58%, 42%
XYZ	6.8482, 4.6229, 14.1670
YIQ	62.4190, 1.2790, 26.3910

# Conversions

## Conversions Part 2

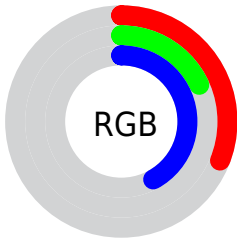
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 45, 106
Decimal	5254506
CIE <sub>Lab</sub>	25.63, 28.61, -29.57
CIE <sub>LCh</sub>	26, 41.141, 314.057
Yxy	4.6229, 0.2671, 0.1803
Android (android.graphics.Color)	4283444586 (0xFF502D6A)
YUV	62.4190, 21.4854, 15.4185
Hunter-Lab	21.5008, 19.2271, -24.0160

# Details

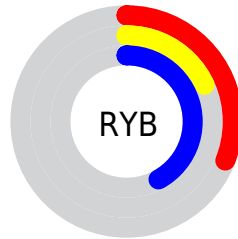
The YUV color **62.4190, 21.4854, 15.4185** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **88.5810, -21.4854, -15.4185**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.1850, 23.0798, 17.3778**, and **16.1800, 20.6173, 13.8741** is the 20% darker color. If you saturate the color by 10%, you get **54.4670, 25.4058, 18.0074**, and if you desaturate by 10%, it is **70.3710, 17.5651, 12.8296**.

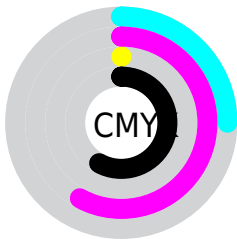
# Distribution



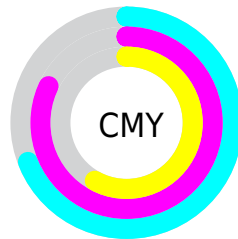
- Red (31%)
- Green (18%)
- Blue (42%)



- Red (31%)
- Yellow (18%)
- Blue (42%)



- Cyan (25%)
- Magenta (58%)
- Yellow (0%)
- Black (58%)



- Cyan (69%)
- Magenta (82%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 62.4190, 21.4854, 15.4185 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 62.4190, 21.4854, 15.4185 by changing the saturation by 10% instead.



62.4190, 21.4854,  
15.4185

62.4190, 21.4854,  
15.4185

255.0000, 0.0000,  
0.0000

39.5930, 20.9067,  
14.3889

111.1850, 23.0798,  
17.3778

16.1800, 20.6173,  
13.8741

137.0110, 23.6586,  
18.4074

4.1040, 15.7247,  
-3.5992

163.5380, 24.3848,  
18.8222

1.3680, 5.2416,  
-1.1997

190.9510, 24.6742,  
19.3370

0.0000, 0.0000,  
0.0000

217.0670, 18.7010,  
21.8662

237.9770, 8.3923,

14.9292

254.4130, 0.2894,  
0.5148

■ 62.4190, 21.4854,  
15.4185

■ 62.4190, 21.4854,  
15.4185

■ 54.4670, 25.4058,  
18.0074

■ 70.3710, 17.5651,  
12.8296

■ 47.4010, 28.8893,  
20.6963

■ 77.4370, 14.0816,  
10.1408

■ 39.4490, 32.8096,  
23.2852

■ 85.3890, 10.1612,  
7.5518

■ 32.3830, 36.2932,  
25.9741

■ 92.4550, 6.6777,  
4.8630

■ 30.3230, 37.3088,  
26.9037

■ 100.4070, 2.7573,  
2.2741

■ 108.0600, -1.0156,  
-0.9296

■ 115.4250, -4.6465,  
-3.0037

■ 123.0780, -8.4195,  
-6.2074

■ 130.4430,  
-12.0504, -8.2815

# Harmonies

## Analogous

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



50.9220, 35.0415, -39.3966



62.4190, 21.4854, 15.4185



58.3210, 10.1947, 43.5685

# Triad

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



62.4190, 21.4854, 15.4185



57.4230, -28.3095, 26.8160



52.5750, 11.0555, -46.1083

# Complementary

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



62.4190, 21.4854, 15.4185



88.5810, -21.4854, -15.4185

# 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.



48.2260, -3.0694, -42.2942



62.4190, 21.4854, 15.4185



55.8070, -27.5129, 4.5543

# Square

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



62.4190, 21.4854, 15.4185



56.9380, -19.1964, 43.9044



48.9930, -19.7165, -22.7959



55.2940, 24.0121, -48.4928



# Rectangle

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



62.4190, 21.4854, 15.4185



55.6720, 1.1477, 52.0307



48.9930, -19.7165, -22.7959



51.3210, 6.2507, -45.0085

# Sweetspot

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



62.4190, 21.4854, 15.4185



120.9220, 8.4195, 6.2074



67.2160, 19.1205, -19.4834



58.9880, 4.9359, 3.5185



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000



# Same Dimension

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



62.4190, 21.4854, 15.4185



69.9760, 33.5358, 23.7000



69.7370, 15.9057, 31.8027



49.5810, 2.1786, 1.2445



33.3710, 41.2291, 29.4926



69.7900, 86.3785, 61.5742



# Inverse Universe

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



66.2030, 2.3649, 34.9020



75.9650, 3.4683, 54.4047



81.2630, -15.9057, -31.8027



50.0220, -0.0108, 3.4887



40.6830, 4.5933, 66.9300

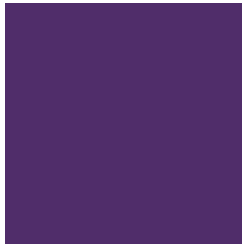


85.1110, 9.3123, 140.2227



# Previews

## White Background



This preview shows how the YUV color 62.4190, 21.4854, 15.4185 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



This preview shows how the YUV color 62.4190, 21.4854, 15.4185 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

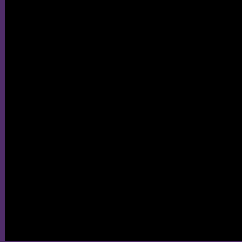
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 62.4190, 21.4854, 15.4185

## Background



This preview shows how black text looks on a background with the YUV color 62.4190, 21.4854, 15.4185.



This preview shows how white text looks on a background with the YUV color 62.4190, 21.4854,



# 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

62.4190, 21.4854, 15.4185

### Protanopia

55.1900, 31.9513, -28.2306

### Deuteranopia

58.0030, 22.1835, -21.9276



## Tritanopia

61.9410, -0.4639, 8.8217

# Trichromacy



## Original Color

62.4190, 21.4854, 15.4185

## Protanomaly

57.9640, 28.1187, -12.2464

## Deuteranomaly

59.6780, 21.8507, -8.4876

## Tritanomaly

62.3140, 7.2402, 11.1256

# Monochromacy



## Original Color

62.4190, 21.4854, 15.4185

## Achromatopsia

62.0000, 0.0000, 0.0000

## Achromatomaly

62.3950, 7.6933, 5.7926

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 62.4190, 21.4854, 15.4185 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, 45, 106)` looks like.

```
.text, #text, p{  
    color:rgb(80, 45, 106)  
}
```

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, 45, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 45, 106) }
```

## Border

The CSS property to change the border of an element to YUV 62.4190, 21.4854, 15.4185 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, 45, 106) }
```



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

```
.border{ border-color:rgb(80, 45, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 45, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 45, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 45, 106);  
box-shadow:4px 4px 4px 4px rgb(80, 45,  
106) }
```

# Background

The CSS property to change the background color of an element to YUV 62.4190, 21.4854, 15.4185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 45, 106) }
```

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

```
.background{ background-color: rgb(80, 45,  
106) }
```

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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