

# Converting Colors

YUV(41.3610, 19.5420, 32.1324)

Have a look what the booklet for  
YUV(41.3610, 19.5420, 32.1324)  
contains.

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# Color

**YUV(41.3610, 19.5420,  
32.1324)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E0F51
RGB	78, 15, 81
RGB Percent	31%, 6%, 32%
CMY	0.6941, 0.9412, 0.6824
CMYK	0.04, 0.81, 0.00, 0.68
HSL	297°, 69%, 19%
HSV	297°, 81%, 32%
XYZ	4.7979, 2.5554, 8.0250
YIQ	41.3610, 16.3620, 33.8820

# Conversions

## Conversions Part 2

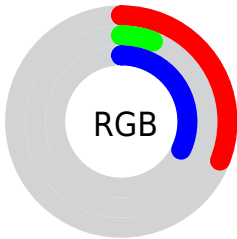
Format	Color
<b>RYB</b>	78, 15, 81
Decimal	5115729
CIELab	18.17, 37.51, -24.94
CIELCh	18, 45.051, 326.379
Yxy	2.5554, 0.3120, 0.1662
Android (android.graphics.Color)	4283305809 (0xFF4E0F51)
YUV	41.3610, 19.5420, 32.1324
Hunter-Lab	15.9857, 25.5995, -18.5740

# Details

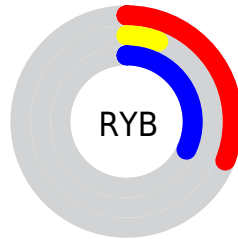
The YUV color **41.3610, 19.5420, 32.1324** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **54.6390, -19.5420, -32.1324**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.5460, 18.9578, 32.8472**, and **13.9710, 10.8603, 16.6884** is the 20% darker color. If you saturate the color by 10%, you get **36.6650, 21.8572, 36.2508**, and if you desaturate by 10%, it is **46.0570, 17.2269, 28.0140**.

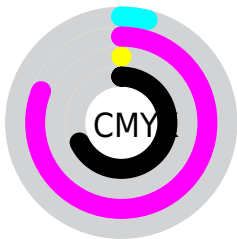
# Distribution



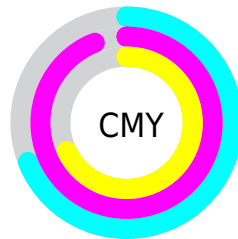
- Red (31%)
- Green (6%)
- Blue (32%)



- Red (31%)
- Yellow (6%)
- Blue (32%)



- Cyan (4%)
- Magenta (81%)
- Yellow (0%)
- Black (68%)



- Cyan (69%)
- Magenta (94%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 41.3610, 19.5420, 32.1324 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 41.3610, 19.5420, 32.1324 by changing the saturation by 10% instead.



41.3610, 19.5420,  
32.1324

41.3610, 19.5420,  
32.1324

254.4130, 0.2894,  
0.5148

22.4590, 17.5217,  
26.7845

92.5460, 18.9578,  
32.8472

13.9710, 10.8603,  
16.6884

117.3720, 19.5366,  
33.8768

1.2540, 4.8048,  
-1.0998

144.0840, 19.6786,  
35.0063

0.0000, 0.0000,  
0.0000


170.9100, 20.2574,  
36.0359


198.6220, 20.3994,  
37.1655


220.9540, 16.7847,


29.8583


 237.3900, 8.6817,  
15.4440


 41.3610, 19.5420,  
32.1324


 41.3610, 19.5420,  
32.1324


 36.6650, 21.8572,  
36.2508

 46.0570, 17.2269,  
28.0140

 32.2570, 24.0303,  
39.2396

 51.0520, 14.7644,  
24.5104

 55.7480, 12.4492,  
20.3920

 60.4440, 10.1341,  
16.2736

 65.4390, 7.6716,  
12.7700

■ 70.7220, 5.0671,  
8.1368

■ 75.7170, 2.6045,  
4.6332

■ 80.4130, 0.2894,  
0.5148

■ 85.1090, -2.0257,  
-3.6036

# Harmonies

## Analogous

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



41.6370, 30.7450, -14.5906



41.3610, 19.5420, 32.1324



34.7030, 7.5414, 54.6345

# Triad

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



41.3610, 19.5420, 32.1324



42.2950, -20.8514, 14.6503



42.3680, 15.1016, -37.1567

# Complementary

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



41.3610, 19.5420, 32.1324



54.6390, -19.5420, -32.1324

# 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.



37.9050, 0.5398, -33.2427



41.3610, 19.5420, 32.1324



38.3090, -18.8863, -9.0410

# Square

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



41.3610, 19.5420, 32.1324



40.0790, -19.7589, 37.6417



32.2850, -15.9165, -28.3139



44.1580, 27.0371, -38.7266



# Rectangle

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



41.3610, 19.5420, 32.1324



32.7930, -2.3629, 58.0635



32.2850, -15.9165, -28.3139



41.1140, 10.2968, -36.0570

# Sweetspot

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



41.3610, 19.5420, 32.1324



89.1400, 7.8190, 12.1552



24.2850, 27.9605, -8.1429



44.3090, 4.7777, 7.6220



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000



# Same Dimension

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



41.3610, 19.5420, 32.1324



43.0440, 30.5443, 49.9504



38.8380, 5.9959, 36.9761



38.6520, 1.1576, 2.0592



41.8700, 31.1231, 50.9800



92.8260, 68.6128, 113.2856



# Inverse Universe

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



35.0760, -8.4185, 40.2753



33.3670, -12.9989, 62.8221



57.1620, -5.9959, -36.9761



38.1960, -0.5896, 2.4591



31.9650, -13.2937, 64.0517

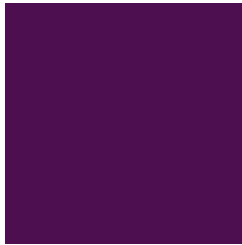


70.6220, -29.3936, 141.5285



# Previews

## White Background



This preview shows how the YUV color 41.3610, 19.5420, 32.1324 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

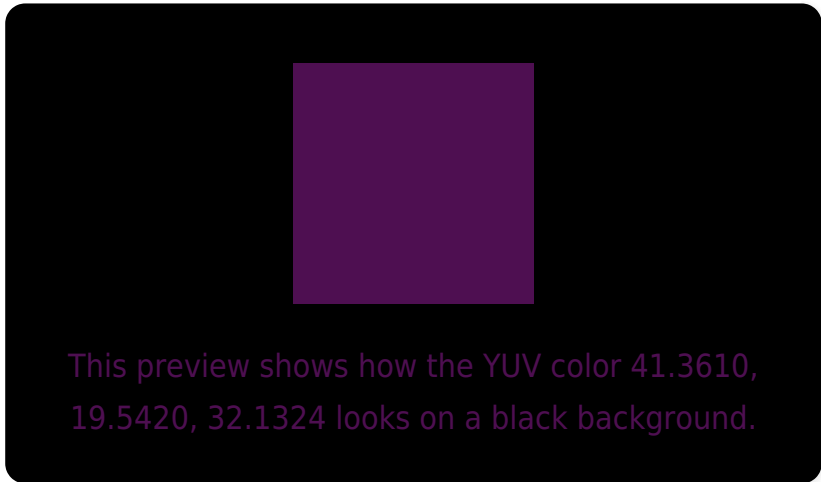
Any Text WCAG AA ✓ Pass

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

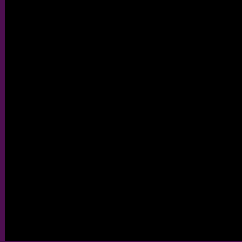
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 41.3610, 19.5420, 32.1324

## Background



This preview shows how black text looks on a background with the YUV color 41.3610, 19.5420, 32.1324.



This preview shows how white text looks on a background with the YUV color 41.3610, 19.5420,



# 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

41.3610, 19.5420, 32.1324

### Protanopia

37.2450, 28.4732, -32.6639

### Deuteranopia

44.3260, 15.6153, -15.1949



## Tritanopia

45.8890, -4.8753, 23.7763

# Trichromacy



## Original Color

41.3610, 19.5420, 32.1324

## Protanomaly

38.5900, 25.3451, -9.2874

## Deuteranomaly

43.1910, 17.1608, 2.4635

## Tritanomaly

44.2020, 3.8444, 27.0098

# Monochromacy



## Original Color

41.3610, 19.5420, 32.1324

## Achromatopsia

41.0000, 0.0000, 0.0000

## Achromatomaly

41.3140, 7.2402, 11.1256

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 41.3610, 19.5420, 32.1324 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(78, 15, 81)` looks like.

```
.text, #text, p{  
  color:rgb(78, 15, 81)  
}
```

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(78, 15, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 15, 81) }
```

## Border

The CSS property to change the border of an element to YUV 41.3610, 19.5420, 32.1324 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(78, 15, 81) }
```



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

```
.border{ border-color:rgb(78, 15, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 15, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 15, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 15, 81);  
box-shadow:4px 4px 4px 4px rgb(78, 15, 81)  
}
```

# Background

The CSS property to change the background color of an element to YUV 41.3610, 19.5420, 32.1324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 15, 81) }
```

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

```
.background{ background-color: rgb(78, 15,  
81) }
```

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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