

# Converting Colors

YUV(61.4020, 23.9588, 15.4334)

Have a look what the booklet for  
YUV(61.4020, 23.9588, 15.4334)  
contains.

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# Color

**YUV(61.4020, 23.9588,  
15.4334)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F2B6E
RGB	79, 43, 110
RGB Percent	31%, 17%, 43%
CMY	0.6902, 0.8314, 0.5686
CMYK	0.28, 0.61, 0.00, 0.57
HSL	272°, 44%, 30%
HSV	272°, 61%, 43%
XYZ	6.9028, 4.5158, 15.2597
YIQ	61.4020, -0.0510, 28.4690

# Conversions

## Conversions Part 2

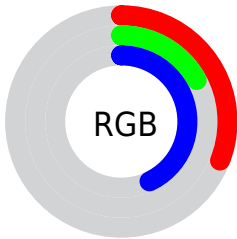
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 43, 110
Decimal	5188462
CIE <sub>Lab</sub>	25.31, 30.56, -32.67
CIE <sub>LCh</sub>	25, 44.729, 313.089
Yxy	4.5158, 0.2587, 0.1693
Android (android.graphics.Color)	4283378542 (0xFF4F2B6E)
YUV	61.4020, 23.9588, 15.4334
Hunter-Lab	21.2504, 20.7941, -27.7001

# Details

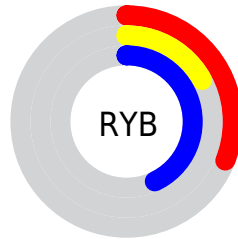
The YUV color **61.4020, 23.9588, 15.4334** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **91.5980, -23.9588, -15.4334**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.1680, 25.5532, 17.3927**, and **16.3370, 22.5119, 12.8595** is the 20% darker color. If you saturate the color by 10%, you get **53.4500, 27.8792, 18.0224**, and if you desaturate by 10%, it is **69.3540, 20.0385, 12.8445**.

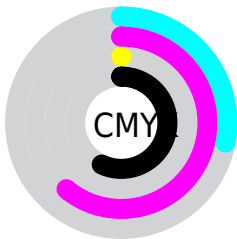
# Distribution



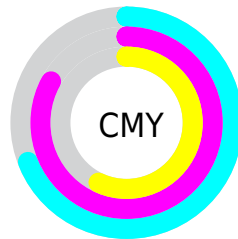
- Red (31%)
- Green (17%)
- Blue (43%)



- Red (31%)
- Yellow (17%)
- Blue (43%)



- Cyan (28%)
- Magenta (61%)
- Yellow (0%)
- Black (57%)



- Cyan (69%)
- Magenta (83%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 61.4020, 23.9588, 15.4334 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 61.4020, 23.9588, 15.4334 by changing the saturation by 10% instead.



61.4020, 23.9588,  
15.4334

61.4020, 23.9588,  
15.4334

255.0000, 0.0000,  
0.0000

37.5760, 23.3800,  
14.4038

110.1680, 25.5532,  
17.3927

16.3370, 22.5119,  
12.8595

135.9940, 26.1320,  
18.4223

4.4460, 17.0351,  
-3.8991

162.8200, 26.7107,  
19.4519

2.5250, 7.1362,  
-2.2144

190.3470, 27.4369,  
19.8667

0.0000, 0.0000,  
0.0000

215.8930, 19.2798,  
22.8958

236.8030, 8.9711,

15.9588

253.2390, 0.8682,  
1.5444

61.4020, 23.9588,  
15.4334

61.4020, 23.9588,  
15.4334

53.4500, 27.8792,  
18.0224

69.3540, 20.0385,  
12.8445

45.4980, 31.7995,  
20.6113

77.3060, 16.1181,  
10.2556

37.5460, 35.7198,  
23.2002

85.2580, 12.1978,  
7.6667

30.1810, 39.3508,  
25.2743

93.2100, 8.2775,  
5.0778

101.1620, 4.3571,  
2.4889

■ 109.4130, 0.2894,  
0.5148

■ 117.3650, -3.6309,  
-2.0741

■ 125.3170, -7.5513,  
-4.6630

■ 133.2690,  
-11.4716, -7.2519

# Harmonies

## Analogous

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



49.1110, 38.3993, -43.0703



61.4020, 23.9588, 15.4334



55.6250, 12.5099, 47.6869

# Triad

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



61.4020, 23.9588, 15.4334



56.8470, -28.0256, 29.0752



52.4610, 10.6187, -46.0083

# Complementary

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



61.4020, 23.9588, 15.4334



91.5980, -23.9588, -15.4334

# 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.



47.8840, -4.3798, -41.9943



61.4020, 23.9588, 15.4334



55.2200, -27.2235, 5.0691

# Square

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



61.4020, 23.9588, 15.4334



54.4440, -19.9389, 48.7226



46.5860, -22.4739, -25.0699



55.5220, 24.8857, -48.6928



# Rectangle

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



61.4020, 23.9588, 15.4334



51.2860, 3.3100, 58.5082



46.5860, -22.4739, -25.0699



51.2070, 5.8139, -44.9085

# Sweetspot

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



61.4020, 23.9588, 15.4334



124.1500, 9.2930, 6.0074



68.8350, 20.2943, -22.6573



60.1020, 5.3727, 3.4185



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000



# Same Dimension

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



61.4020, 23.9588, 15.4334



67.6000, 37.1722, 24.0298



70.4430, 18.5156, 34.6915



51.8800, 2.0312, 1.8592



32.8160, 42.9817, 27.3484



67.9250, 88.2840, 57.0708



# Inverse Universe

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



66.5670, 3.6645, 38.0907



75.5680, 5.6360, 59.1379



82.5570, -18.5156, -34.6915



52.1360, 0.4260, 3.3887



42.1500, 6.3351, 68.2745

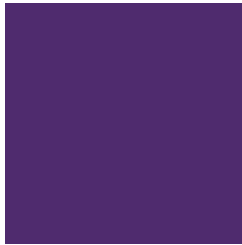


86.8490, 13.3854, 140.4524



# Previews

## White Background



This preview shows how the YUV color 61.4020, 23.9588, 15.4334 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 61.4020, 23.9588, 15.4334 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 61.4020, 23.9588, 15.4334 Background



This preview shows how black text looks on a background with the YUV color 61.4020, 23.9588, 15.4334.



This preview shows how white text looks on a background with the YUV color 61.4020, 23.9588,



# 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

61.4020, 23.9588, 15.4334

### Protanopia

48.1820, 37.3783, -42.2556

### Deuteranopia

54.1700, 25.5522, -29.0901



## Tritanopia

61.3430, -0.1691, 7.5922

# Trichromacy



## Original Color

61.4020, 23.9588, 15.4334

## Protanomaly

53.3480, 32.3664, -21.3532

## Deuteranomaly

56.4540, 24.9192, -12.6762

## Tritanomaly

61.3570, 8.6980, 10.2109

# Monochromacy



## Original Color

61.4020, 23.9588, 15.4334

## Achromatopsia

61.0000, 0.0000, 0.0000

## Achromatomaly

61.0360, 8.8563, 6.1074

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 61.4020, 23.9588, 15.4334 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(79, 43, 110)` looks like.

```
.text, #text, p{  
    color:rgb(79, 43, 110)  
}
```

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(79, 43, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 43, 110) }
```

## Border

The CSS property to change the border of an element to YUV 61.4020, 23.9588, 15.4334 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(79, 43, 110) }
```



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

```
.border{ border-color:rgb(79, 43, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 43, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 43, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 43, 110);  
box-shadow:4px 4px 4px 4px rgb(79, 43,  
110) }
```

# Background

The CSS property to change the background color of an element to YUV 61.4020, 23.9588, 15.4334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 43, 110) }
```

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

```
.background{ background-color: rgb(79, 43,  
110) }
```

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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