

# Converting Colors

YUV(68.2420, 26.5027, -7.2282)

Have a look what the booklet for  
YUV(68.2420, 26.5027, -7.2282)  
contains.

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# Color

**YUV(68.2420, 26.5027,  
-7.2282)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3C3E7A
RGB	60, 62, 122
RGB Percent	24%, 24%, 48%
CMY	0.7647, 0.7569, 0.5216
CMYK	0.51, 0.49, 0.00, 0.52
HSL	238°, 34%, 36%
HSV	238°, 51%, 48%
XYZ	7.0990, 5.8110, 19.1598
YIQ	68.2420, -20.4520, 18.2360

# Conversions

## Conversions Part 2

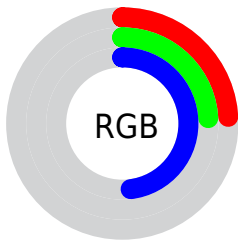
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	60, 62, 122
Decimal	3948154
CIE <sub>Lab</sub>	28.93, 16.90, -34.61
CIE <sub>LCh</sub>	29, 38.514, 296.027
Yxy	5.8110, 0.2214, 0.1812
Android (android.graphics.Color)	4282138234 (0xFF3C3E7A)
YUV	68.2420, 26.5027, -7.2282
Hunter-Lab	24.1061, 10.3804, -30.2502

# Details

The YUV color **68.2420, 26.5027, -7.2282** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **113.7580, -26.5027, 7.2282**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.4210, 28.3864, -4.7542**, and **20.3610, 25.9510, -16.9796** is the 20% darker color. If you saturate the color by 10%, you get **57.6100, 31.7443, -8.4280**, and if you desaturate by 10%, it is **78.8740, 21.2611, -6.0285**.

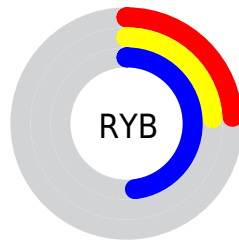
# Distribution



Red (24%)

Green (24%)

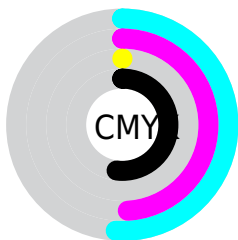
Blue (48%)



Red (24%)

Yellow (24%)

Blue (48%)

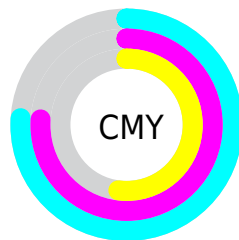


Cyan (51%)

Magenta (49%)

Yellow (0%)

Black (52%)



Cyan (76%)

Magenta (76%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 68.2420, 26.5027, -7.2282 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 68.2420, 26.5027, -7.2282 by changing the saturation by 10% instead.



■ 68.2420, 26.5027,  
-7.2282

■ 68.2420, 26.5027,  
-7.2282

■ 255.0000, 0.0000,  
0.0000

■ 44.7040, 25.7819,  
-9.3874

■ 117.4210, 28.3864,  
-4.7542

■ 20.3610, 25.9510,  
-16.9796

■ 143.5350, 28.8232,  
-4.8542

■ 5.7000, 21.8399,  
-4.9989

■ 170.1760, 29.9862,  
-4.5394

■ 3.7790, 11.9410,  
-3.3142

■ 197.1330, 28.5284,  
-3.6246

■ 0.0000, 0.0000,  
0.0000

■ 222.2400, 16.1507,  
-0.2105

■ 247.3470, 3.7729,

■ 68.2420, 26.5027,  
-7.2282

■ 68.2420, 26.5027,  
-7.2282

■ 57.6100, 31.7443,  
-8.4280

■ 78.8740, 21.2611,  
-6.0285

■ 46.9780, 36.9858,  
-9.6277

■ 89.5060, 16.0195,  
-4.8288

■ 36.6340, 42.0854,  
-11.9570

■ 99.8500, 10.9199,  
-2.4995

■ 26.0020, 47.3270,  
-13.1568

■ 110.4820, 5.6784,  
-1.2997

■ 16.2560, 52.1318,  
-14.2565

■ 121.1140, 0.4368,  
-0.1000

■ 131.7460, -4.8048,  
1.0998

■ 142.3780,  
-10.0464, 2.2995

■ 152.7220,  
-15.1459, 4.6288

■ 163.3540,  
-20.3875, 5.8285

# Harmonies

## Analogous

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



57.4430, 34.7846, -50.3775



68.2420, 26.5027, -7.2282



69.7040, 15.9219, 26.5696

# Triad

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



68.2420, 26.5027, -7.2282



65.4550, -23.3953, 37.3120



55.3160, 3.7882, -48.5121

# Complementary

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



68.2420, 26.5027, -7.2282



113.7580, -26.5027, 7.2282

# 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.



53.1250, -9.9216, -37.8206



68.2420, 26.5027, -7.2282



63.8690, -31.4874, 19.4089

# Square

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



68.2420, 26.5027, -7.2282



64.9630, -10.3348, 48.2674



61.1650, -27.1963, -3.6527



58.8500, 17.3289, -51.6114



# Rectangle

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



68.2420, 26.5027, -7.2282



67.9140, 7.4374, 41.2944



61.1650, -27.1963, -3.6527



53.5890, -0.2904, -46.9976

# Sweetspot

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



68.2420, 26.5027, -7.2282



137.3230, 10.1938, -2.9143



103.2340, 8.2656, -37.9162



66.5960, 6.1152, -1.3997



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000



# Same Dimension

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



68.2420, 26.5027, -7.2282



74.7050, 41.0644, -11.1423



75.7390, 22.8067, 11.6299



55.6840, 2.6208, -0.5999



16.5980, 53.4422, -14.5564



33.4240, 107.7580, -29.3128



# Inverse Universe

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



78.7660, -8.2656, 37.9162



91.0460, -12.8407, 58.7187



106.2610, -22.8067, -11.6299



56.7940, -0.8844, 3.6887



37.8310, -16.6787, 76.4472



76.2600, -33.6522, 154.1240



# Previews

## White Background



This preview shows how the YUV color 68.2420, 26.5027, -7.2282 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 68.2420, 26.5027, -7.2282 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 68.2420, 26.5027, -7.2282

## Background



This preview shows how black text looks on a background with the YUV color 68.2420, 26.5027, -7.2282.



This preview shows how white text looks on a background with the YUV color 68.2420, 26.5027,

-7.2282.

# 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

68.2420, 26.5027, -7.2282

### Protanopia

64.1690, 30.4827, -23.8272

### Deuteranopia

60.7610, 29.2048, -33.9934



## Tritanopia

64.9100, 6.4534, -16.5841

# Trichromacy



## Original Color

68.2420, 26.5027, -7.2282

## Protanomaly

65.8600, 29.1560, -18.2942

## Deuteranomaly

63.3000, 28.4461, -23.9421

## Tritanomaly

65.8810, 13.8627, -13.0506

# Monochromacy



## Original Color

68.2420, 26.5027, -7.2282

## Achromatopsia

68.0000, 0.0000, 0.0000

## Achromatomaly

68.2090, 9.7570, -2.8143

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 68.2420, 26.5027, -7.2282 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(60, 62, 122)` looks like.

```
.text, #text, p{  
    color:rgb(60, 62, 122)  
}
```

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(60, 62, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 62, 122) }
```

## Border

The CSS property to change the border of an element to YUV 68.2420, 26.5027, -7.2282 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(60, 62, 122) }
```



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

```
.border{ border-color:rgb(60, 62, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 62, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 62, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 62, 122);  
box-shadow:4px 4px 4px 4px rgb(60, 62,  
122) }
```

# Background

The CSS property to change the background color of an element to YUV 68.2420, 26.5027, -7.2282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 62, 122) }
```

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

```
.background{ background-color: rgb(60, 62,  
122) }
```

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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