

# Converting Colors

YUV(152.3470, 21.0279,  
68.9787)

Have a look what the booklet for  
YUV(152.3470, 21.0279, 68.9787)  
contains.

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# Color

**YUV(152.3470, 21.0279,  
68.9787)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E768C3
RGB	231, 104, 195
RGB Percent	91%, 41%, 76%
CMY	0.0941, 0.5922, 0.2353
CMYK	0.00, 0.55, 0.16, 0.09
HSL	317°, 73%, 66%
HSV	317°, 55%, 91%
XYZ	47.7556, 30.8297, 55.0635
YIQ	152.3470, 46.4810, 55.2250

# Conversions

## Conversions Part 2

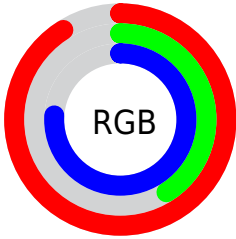
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	231, 104, 195
Decimal	15165635
CIE Lab	62.36, 59.72, -24.23
CIE LCh	62, 64.450, 337.914
Yxy	30.8297, 0.3573, 0.2307
Android (android.graphics.Color)	4293355715 (0xFFE768C3)
YUV	152.3470, 21.0279, 68.9787
Hunter-Lab	55.5245, 56.3569, -19.9306

# Details

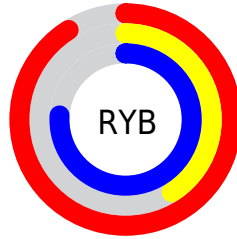
The YUV color **152.3470, 21.0279, 68.9787** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **182.6530, -21.0279, -68.9787**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.8930, 26.1818, 49.2058**, and **94.8030, 22.7751, 68.5788** is the 20% darker color. If you saturate the color by 10%, you get **138.0480, 24.6263, 81.5189**, and if you desaturate by 10%, it is **166.6460, 17.4295, 56.4385**.

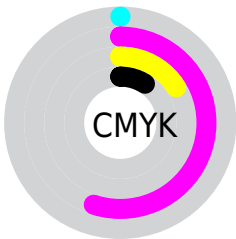
# Distribution



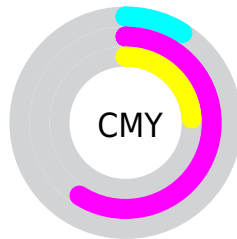
- Red (91%)
- Green (41%)
- Blue (76%)



- Red (91%)
- Yellow (41%)
- Blue (76%)



- Cyan (0%)
- Magenta (55%)
- Yellow (16%)
- Black (9%)




- Cyan (9%)
- Magenta (59%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 152.3470, 21.0279, 68.9787 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 152.3470, 21.0279, 68.9787 by changing the saturation by 10% instead.





 152.3470, 21.0279,  
68.9787


 152.3470, 21.0279,  
68.9787


255.0000, 0.0000,  
0.0000


 124.1620, 21.6121,  
68.2639


 198.8930, 26.1818,  
49.2058

 94.8030, 22.7751,  
68.5788


 215.6710, 19.3892,  
34.4915


 57.9270, 28.1370,  
75.4860

 232.6940, 10.9969,  
19.5624

 45.0580, 22.6494,  
62.2161

 250.3040, 2.3151,  
4.1184

 34.2490, 16.1462,  
48.0166

 23.9670, 10.3693,  
34.2319

 13.3860, 4.7397,

19.8325

■ 0.0000, 0.0000,  
0.0000

■ 152.3470, 21.0279,  
68.9787

■ 152.3470, 21.0279,  
68.9787

■ 138.0480, 24.6263,  
81.5189

■ 166.6460, 17.4295,  
56.4385

■ 123.8630, 28.6615,  
93.9591

■ 180.8310, 13.3943,  
43.9982

■ 109.5640, 32.2599,  
106.4994

■ 195.1300, 9.7959,  
31.4580

■ 95.3790, 36.2952,  
118.9396

■ 209.3150, 5.7607,  
19.0177

■ 87.9930, 38.4575,  
125.4171

■ 223.6140, 2.1623,  
6.4775

■ 238.3860, -2.1623,  
-6.4775

■ 246.2280, -2.5774,  
-13.3550

■ 246.9120, 0.0434,  
-13.9548

■ 247.7100, 3.1010,  
-14.6547

# Harmonies

## Analogous

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



154.7390, 43.0197, 15.1379



152.3470, 21.0279, 68.9787



146.5570, -4.2186, 93.3505

# Triad

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



152.3470, 21.0279, 68.9787



140.7420, -62.4838, 21.2743



128.3920, 45.1627, -112.5998

# Complementary

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



152.3470, 21.0279, 68.9787



182.6530, -21.0279, -68.9787

# 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.



123.2960, 20.5601, -108.1306



152.3470, 21.0279, 68.9787



135.0530, -40.9451, -27.2335

# Square

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



152.3470, 21.0279, 68.9787



145.3890, -53.4358, 59.2948



114.6950, -4.7796, -100.5875



127.6860, 62.7658, -111.9806



# Rectangle

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



152.3470, 21.0279, 68.9787



146.4370, -22.4004, 91.7018



114.6950, -4.7796, -100.5875



127.0410, 37.4478, -111.4150

# Sweetspot

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



152.3470, 21.0279, 68.9787



229.5650, 6.6235, 22.3065



129.2420, 50.1667, 9.4348



112.5270, 4.1772, 13.5698



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



152.3470, 21.0279, 68.9787



150.9120, 27.6514, 91.2852



145.1650, -6.4903, 75.2773



107.5000, 1.7255, 6.5775



68.1130, 29.5243, 97.2479



19.4670, 8.6438, 27.6544



# Inverse Universe

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



152.3470, 21.0279, 68.9787



150.9120, 27.6514, 91.2852



189.8350, 6.4903, -75.2773



107.5000, 1.7255, 6.5775



68.1130, 29.5243, 97.2479



19.4670, 8.6438, 27.6544



# Previews

## White Background



This preview shows how the YUV color 152.3470, 21.0279, 68.9787 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

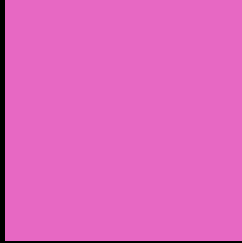
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 152.3470, 21.0279, 68.9787 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

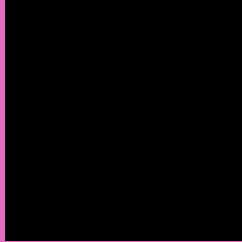
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 152.3470, 21.0279, 68.9787

## Background



This preview shows how black text looks on a background with the YUV color 152.3470, 21.0279, 68.9787.



This preview shows how white text looks on a background with the YUV color 152.3470, 21.0279, 68.9787.



# 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

152.3470, 21.0279, 68.9787

### Protanopia

150.3460, 38.7764, -23.9824

### Deuteranopia

152.2610, 17.6193, -4.6139



## Tritanopia

152.0080, -11.8359, 63.1370

# Trichromacy



## Original Color

152.3470, 21.0279, 68.9787



## Protanomaly

151.2470, 32.4162, 9.4304



## Deuteranomaly

152.4800, 18.9904, 22.3810



## Tritanomaly

152.1190, -0.0587, 65.6706

# Monochromacy



## Original Color

152.3470, 21.0279, 68.9787



## Achromatopsia

152.0000, 0.0000, 0.0000



## Achromatomaly

152.5160, 7.6336, 24.9805

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 152.3470, 21.0279, 68.9787 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(231, 104, 195)` looks like.

```
.text, #text, p{  
    color:rgb(231, 104, 195)  
}
```

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(231, 104, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 104, 195) }
```

## Border

The CSS property to change the border of an element to YUV 152.3470, 21.0279, 68.9787 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(231, 104, 195) }
```



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

```
.border{ border-color:rgb(231, 104, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 104, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 104, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 104, 195);  
box-shadow:4px 4px 4px 4px rgb(231, 104,  
195) }
```

# Background

The CSS property to change the background color of an element to YUV 152.3470, 21.0279, 68.9787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 104, 195) }
```

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

```
.background{ background-color: rgb(231,  
104, 195) }
```

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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