

# Converting Colors

YUV(122.7020, 25.7829,  
37.0953)

Have a look what the booklet for  
YUV(122.7020, 25.7829, 37.0953)  
contains.

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# Color

**YUV(122.7020, 25.7829,  
37.0953)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A55BAF
RGB	165, 91, 175
RGB Percent	65%, 36%, 69%
CMY	0.3529, 0.6431, 0.3137
CMYK	0.06, 0.48, 0.00, 0.31
HSL	293°, 34%, 52%
HSV	293°, 48%, 69%
XYZ	26.9960, 18.5766, 42.7202
YIQ	122.7020, 17.1400, 41.8120

# Conversions

## Conversions Part 2

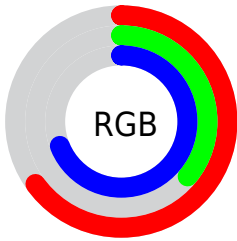
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	165, 91, 175
Decimal	10836911
CIE <sub>Lab</sub>	50.19, 43.37, -32.30
CIE <sub>LCh</sub>	50, 54.078, 323.327
Yxy	18.5766, 0.3058, 0.2104
Android (android.graphics.Color)	4289026991 (0xFFA55BAF)
YUV	122.7020, 25.7829, 37.0953
Hunter-Lab	43.1006, 36.3770, -28.5963

# Details

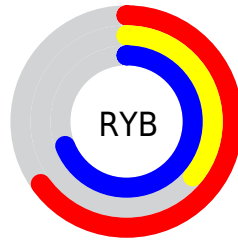
The YUV color  $122.7020, 25.7829, 37.0953$  is a dark color, and the websafe version is hex  $9966CC$ . A complement of this color would be  $143.2980, -25.7829, -37.0953$ , and the grayscale version is  $122.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $176.6530, 26.7931, 39.7693$ , and  $70.5770, 25.3515, 35.4510$  is the 20% darker color. If you saturate the color by 10%, you get  $112.1250, 30.9974, 44.6174$ , and if you desaturate by 10%, it is  $133.8660, 20.2791, 29.0585$ .

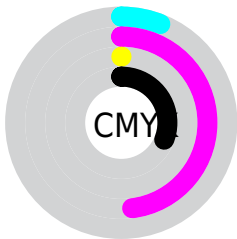
# Distribution



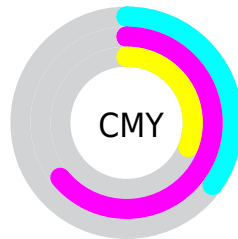
- Red (65%)
- Green (36%)
- Blue (69%)



- Red (65%)
- Yellow (36%)
- Blue (69%)



- Cyan (6%)
- Magenta (48%)
- Yellow (0%)
- Black (31%)



- Cyan (35%)
- Magenta (64%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 122.7020, 25.7829, 37.0953 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 122.7020, 25.7829, 37.0953 by changing the saturation by 10% instead.



122.7020, 25.7829,  
37.0953

122.7020, 25.7829,  
37.0953

255.0000, 0.0000,  
0.0000

96.8760, 25.2041,  
36.0657

176.6530, 26.7931,  
39.7693

70.5770, 25.3515,  
35.4510

204.4960, 24.8985,  
40.7840

42.9300, 26.6565,  
36.8954

222.1280, 16.2059,  
28.8287

26.2620, 23.0418,  
29.5882

238.5640, 8.1029,  
14.4144

17.3610, 16.0910,  
18.9774

3.7790, 11.9410,  
-3.3142

0.0000, 0.0000,

0.0000

■ 122.7020, 25.7829,  
37.0953

■ 122.7020, 25.7829,  
37.0953

■ 112.1250, 30.9974,  
44.6174

■ 133.8660, 20.2791,  
29.0585

■ 100.9610, 36.5012,  
52.6542

■ 144.4430, 15.0646,  
21.5365

■ 90.3840, 41.7157,  
60.1762

■ 155.6070, 9.5607,  
13.4997

■ 79.2200, 47.2195,  
68.2131

■ 166.1840, 4.3463,  
5.9776

■ 68.6430, 52.4340,  
75.7351

■ 177.3480, -1.1576,  
-2.0592

■ 65.9960, 53.7390,  
77.1795

■ 188.2240, -6.5194,  
-8.9664

■ 199.3880,  
-12.0233, -17.0033

■ 209.9650,  
-17.2377, -24.5253

■ 221.1290,  
-22.7416, -32.5621

# Harmonies

## Analogous

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



118.9000, 41.9543, -16.5753



122.7020, 25.7829, 37.0953



117.9760, 6.9138, 69.3040

# Triad

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



122.7020, 25.7829, 37.0953



113.6630, -49.1339, 32.7445



100.4370, 26.8996, -88.0832

# Complementary

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



122.7020, 25.7829, 37.0953



143.2980, -25.7829, -37.0953

# 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.



94.3780, 6.2226, -82.7695



122.7020, 25.7829, 37.0953



110.0500, -42.9156, -1.7978

# Square

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



122.7020, 25.7829, 37.0953



115.9110, -34.9591, 59.7141



100.2410, -19.3458, -48.4464



102.4210, 44.6554, -89.8232



# Rectangle

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



122.7020, 25.7829, 37.0953



116.2360, -7.5113, 76.0920



100.2410, -19.3458, -48.4464



98.6130, 19.9108, -86.4836

# Sweetspot

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



122.7020, 25.7829, 37.0953



207.0200, 9.8501, 14.0145



107.0330, 33.5077, -14.0609



102.3630, 6.2300, 8.4516



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000



# Same Dimension

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



122.7020, 25.7829, 37.0953



144.7320, 40.5581, 58.1170



122.1580, 10.7681, 46.3424



81.4180, 2.7519, 4.0184



56.8670, 45.9146, 66.7686



8.6020, 7.0982, 9.9960



# Inverse Universe

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



117.2560, -8.0142, 50.6415



136.2920, -12.4690, 79.5509



143.8420, -10.7681, -46.3424



80.8050, -0.8899, 5.4330



46.9020, -14.2487, 90.4169



7.2190, -2.0800, 13.8399



# Previews

## White Background



This preview shows how the YUV color 122.7020, 25.7829, 37.0953 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 122.7020, 25.7829, 37.0953 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

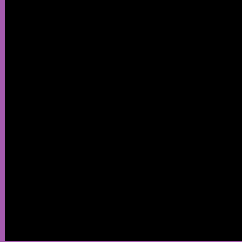
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 122.7020, 25.7829, 37.0953

## Background



This preview shows how black text looks on a background with the YUV color 122.7020, 25.7829, 37.0953.



This preview shows how white text looks on a background with the YUV color 122.7020, 25.7829, 37.0953.



# 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

122.7020, 25.7829, 37.0953

### Protanopia

117.2640, 39.8028, -26.5415

### Deuteranopia

119.4320, 24.9300, -16.1649



## Tritanopia

122.1610, -4.0234, 30.5538

# Trichromacy



## Original Color

122.7020, 25.7829, 37.0953



## Protanomaly

119.4410, 34.7856, -3.8948



## Deuteranomaly

120.6670, 25.3072, 2.9230



## Tritanomaly

122.6310, 6.5909, 32.7726

# Monochromacy



## Original Color

122.7020, 25.7829, 37.0953



## Achromatopsia

123.0000, 0.0000, 0.0000



## Achromatomaly

122.6070, 9.5607, 13.4997

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 122.7020, 25.7829, 37.0953 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(165, 91, 175)` looks like.

```
.text, #text, p{  
    color:rgb(165, 91, 175)  
}
```

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(165, 91, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 91, 175) }
```

## Border

The CSS property to change the border of an element to YUV 122.7020, 25.7829, 37.0953 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(165, 91, 175) }
```



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

```
.border{ border-color:rgb(165, 91, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 91, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 91, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 91, 175);  
box-shadow:4px 4px 4px 4px rgb(165, 91,  
175) }
```

# Background

The CSS property to change the background color of an element to YUV 122.7020, 25.7829, 37.0953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 91, 175) }
```

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

```
.background{ background-color: rgb(165, 91,  
175) }
```

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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