

Converting Colors

YUV(123.1570, 52.6736,
45.4663)

Have a look what the booklet for
YUV(123.1570, 52.6736, 45.4663)
contains.

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Color

**YUV(123.1570, 52.6736,
45.4663)**

Conversions

Conversions Part 1

Format	Color
Hex	AF4CE6
RGB	175, 76, 230
RGB Percent	69%, 30%, 90%
CMY	0.3137, 0.7020, 0.0980
CMYK	0.24, 0.67, 0.00, 0.10
HSL	279°, 75%, 60%
HSV	279°, 67%, 90%
XYZ	34.5466, 19.9960, 76.9017
YIQ	123.1570, 9.5700, 68.8820

Conversions

Conversions Part 2

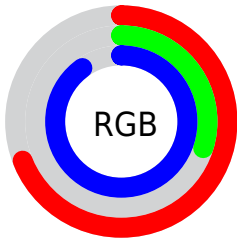
Format	Color
RYB	175, 76, 230
Decimal	11488486
CIELab	51.83, 64.45, -61.16
CIELCh	52, 88.845, 316.500
Yxy	19.9960, 0.2628, 0.1521
Android (android.graphics.Color)	4289678566 (0xFFAF4CE6)
YUV	123.1570, 52.6736, 45.4663
Hunter-Lab	44.7169, 59.6477, -70.6619

Details

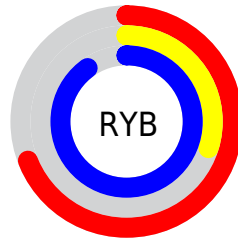
The YUV color **123.1570, 52.6736, 45.4663** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **182.8430, -52.6736, -45.4663**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.9330, 38.9800, 50.9248**, and **58.8140, 56.2937, 51.0291** is the 20% darker color. If you saturate the color by 10%, you get **107.2640, 60.5088, 52.3885**, and if you desaturate by 10%, it is **139.0500, 44.8383, 38.5441**.

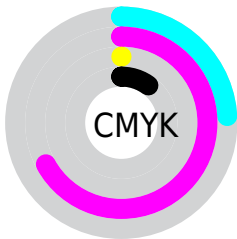
Distribution



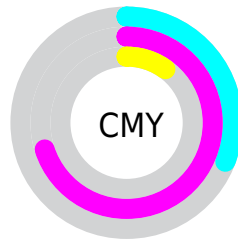
- Red (69%)
- Green (30%)
- Blue (90%)



- Red (69%)
- Yellow (30%)
- Blue (90%)



- Cyan (24%)
- Magenta (67%)
- Yellow (0%)
- Black (10%)





- Cyan (31%)
- Magenta (70%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YUV color 123.1570, 52.6736, 45.4663 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 123.1570, 52.6736, 45.4663 by changing the saturation by 10% instead.


 123.1570, 52.6736,
45.4663


 123.1570, 52.6736,
45.4663


255.0000, 0.0000,
0.0000


 94.1570, 52.6736,
45.4663


 175.9330, 38.9800,
50.9248


 58.8140, 56.2937,
51.0291


 198.6480, 27.7815,
49.4207


 43.2550, 50.6533,
40.1184


 215.6710, 19.3892,
34.4915

 31.6200, 43.5713,
24.8893

 232.1070, 11.2862,
20.0772

 19.9850, 36.4894,
9.6602

 249.7170, 2.6045,
4.6332

 7.8660, 30.1391,
-6.8985

 7.5920, 18.9351,

-6.6582

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 123.1570, 52.6736,
45.4663

■ 123.1570, 52.6736,
45.4663

■ 107.2640, 60.5088,
52.3885

■ 139.0500, 44.8383,
38.5441

■ 91.3710, 68.3441,
59.3106

■ 154.9430, 37.0031,
31.6220

■ 75.1790, 76.3268,
65.6180

■ 171.1350, 29.0204,
25.3146

■ 70.4720, 78.6473,
67.9921

■ 187.0280, 21.1852,
18.3924

202.9210, 13.3499,
11.4703

218.8140, 5.5147,
4.5481

235.0060, -2.4680,
-1.7593

247.9640, -8.8563,
-6.1074

250.3560,
-10.0355, -1.1892

Harmonies

Analogous

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



98.9230, 76.9460, -86.7555



123.1570, 52.6736, 45.4663



89.5160, 35.2416, 130.2205

Triad

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



123.1570, 52.6736, 45.4663



116.9170, -57.6401, 54.4468



109.7950, 27.2161, -96.2902

Complementary

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



123.1570, 52.6736, 45.4663



182.8430, -52.6736, -45.4663

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.



98.9140, -6.8596, -86.7476



123.1570, 52.6736, 45.4663



111.5590, -54.9986, 0.3868

Square

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



123.1570, 52.6736, 45.4663



104.8540, -51.6930, 107.1220



85.7020, -42.2511, -75.1607



116.4870, 57.9339, -102.1591

Rectangle

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



123.1570, 52.6736, 45.4663



87.7030, 11.4854, 143.2115



85.7020, -42.2511, -75.1607



106.2440, 16.1487, -93.1760

Sweetspot

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



123.1570, 52.6736, 45.4663



219.6810, 17.4123, 15.1888



126.4280, 51.0610, -44.2254



106.5140, 10.5926, 9.1962



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.



123.1570, 52.6736, 45.4663



113.4250, 69.7965, 60.1403



137.2080, 35.3935, 81.3786



106.7600, 4.0623, 3.7185



54.7910, 61.2350, 52.8033



15.6810, 17.4123, 15.1888

Inverse Universe

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



128.3160, 1.3232, 89.1769



120.3180, 1.8152, 118.1161



168.7920, -35.3935, -81.3786



107.0440, -0.0217, 6.9774



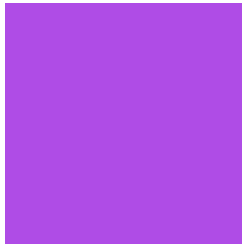
60.8170, 1.5692, 103.6465



17.3010, 0.3446, 29.5540

Previews

White Background



This preview shows how the YUV color 123.1570, 52.6736, 45.4663 looks on a white background.

Color Contrast Check

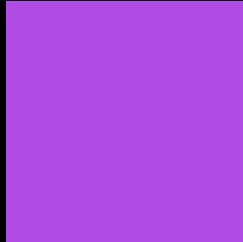
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.1570, 52.6736, 45.4663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

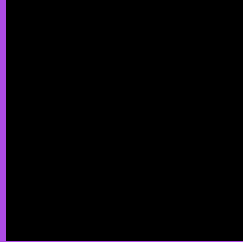
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.1570, 52.6736, 45.4663

Background



This preview shows how black text looks on a background with the YUV color 123.1570, 52.6736, 45.4663.



This preview shows how white text looks on a background with the YUV color 123.1570, 52.6736, 45.4663.

45.4663.

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

123.1570, 52.6736, 45.4663

Protanopia

98.6950, 76.0724, -86.5555

Deuteranopia

108.4250, 55.4995, -67.9017



Tritanopia

125.6660, -3.2863, 27.4799

Trichromacy



Original Color

123.1570, 52.6736, 45.4663



Protanomaly

107.5270, 67.7742, -38.1732



Deuteranomaly

113.7490, 54.3537, -26.9669



Tritanomaly

124.6880, 16.9158, 34.4766

Monochromacy



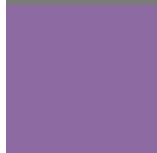
Original Color

123.1570, 52.6736, 45.4663



Achromatopsia

123.0000, 0.0000, 0.0000



Achromatomaly

123.1480, 19.1540, 16.5332

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.1570, 52.6736, 45.4663 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(175, 76, 230)` looks like.

```
.text, #text, p{  
  color:rgb(175, 76, 230)  
}
```

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(175, 76, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 76, 230) }
```

Border

The CSS property to change the border of an element to YUV 123.1570, 52.6736, 45.4663 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(175, 76, 230) }
```


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

```
.border{ border-color:rgb(175, 76, 230) }
```

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

Here you see how a box with a 4 pixel rgb(175, 76, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 76, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 76, 230);  
box-shadow:4px 4px 4px 4px rgb(175, 76,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 123.1570, 52.6736, 45.4663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 76, 230) }
```

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

```
.background{ background-color: rgb(175, 76,  
230) }
```

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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