

Converting Colors

YUV(101.0100, 75.9171,
56.9962)

Have a look what the booklet for
YUV(101.0100, 75.9171, 56.9962)
contains.

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Color

**YUV(101.0100, 75.9171,
56.9962)**

Conversions

Conversions Part 1

Format	Color
Hex	A626FF
RGB	166, 38, 255
RGB Percent	65%, 15%, 100%
CMY	0.3490, 0.8510, 0.0000
CMYK	0.35, 0.85, 0.00, 0.00
HSL	275°, 100%, 57%
HSV	275°, 85%, 100%
XYZ	34.4690, 16.7132, 96.0170
YIQ	101.0100, 6.6310, 94.6230

Conversions

Conversions Part 2

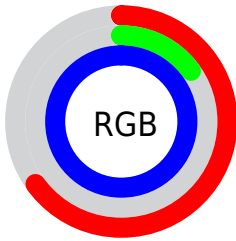
Format	Color
R _Y B	166, 38, 255
Decimal	10888959
CIE Lab	47.90, 81.14, -81.62
CIE LCh	48, 115.095, 314.831
Yxy	16.7132, 0.2342, 0.1135
Android (android.graphics.Color)	4289079039 (0xFFA626FF)
YUV	101.0100, 75.9171, 56.9962
Hunter-Lab	40.8818, 78.9570, -110.6341

Details

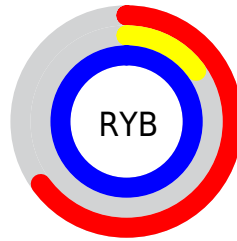
The YUV color **101.0100, 75.9171, 56.9962** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **191.9900, -75.9171, -56.9962**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.4040, 48.1148, 61.0357**, and **53.5540, 70.7189, 44.2411** is the 20% darker color. If you saturate the color by 10%, you get **83.3450, 84.6259, 63.7184**, and if you desaturate by 10%, it is **119.2620, 66.9188, 49.7592**.

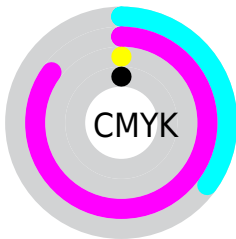
Distribution



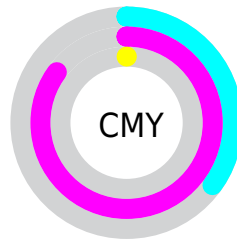
- Red (65%)
- Green (15%)
- Blue (100%)



- Red (65%)
- Yellow (15%)
- Blue (100%)



- Cyan (35%)
- Magenta (85%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (85%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.0100, 75.9171, 56.9962 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 101.0100, 75.9171, 56.9962 by changing the saturation by 10% instead.

101.0100, 75.9171,
56.9962

101.0100, 75.9171,
56.9962

255.0000, 0.0000,
0.0000

66.1290, 78.8164,
60.3999

157.4040, 48.1148,
61.0357

53.5540, 70.7189,
44.2411

182.7990, 35.5951,
63.3203

40.7940, 63.2056,
27.3677

199.8220, 27.2028,
48.3911

25.6420, 56.8715,
5.5760

216.8450, 18.8104,
33.4619

13.1100, 50.2318,
-11.4975

234.4550, 10.1287,
18.0180

10.1460, 38.8750,
-8.8980

252.0650, 1.4470,

11.4050, 25.9293,

2.5740

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 101.0100, 75.9171,
56.9962

■ 101.0100, 75.9171,
56.9962

■ 83.3450, 84.6259,
63.7184

■ 119.2620, 66.9188,
49.7592

■ 73.9200, 89.2724,
66.7222

■ 137.2260, 58.0626,
43.6518

■ 155.4780, 49.0643,
36.4148

■ 173.4420, 40.2081,
30.3074

191.6940, 31.2099,
23.0704

209.6580, 22.3536,
16.9629

227.9100, 13.3554,
9.7259

245.8740, 4.4991,
3.6185

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



95.4010, 78.6823, -83.6667



101.0100, 75.9171, 56.9962



94.6850, 35.6513, 138.8423

Triad

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



101.0100, 75.9171, 56.9962



106.0520, -52.2836, 63.0984



105.3440, 27.9314, -92.3867

Complementary

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



101.0100, 75.9171, 56.9962



191.9900, -75.9171, -56.9962

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.



91.6130, -17.0642, -80.3446



101.0100, 75.9171, 56.9962



101.1820, -49.8827, -7.1756

Square

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



101.0100, 75.9171, 56.9962



71.4610, -35.2303, 146.9317



81.5930, -40.2253, -71.5571



116.1910, 66.9538, -101.8995

Rectangle

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



101.0100, 75.9171, 56.9962



87.9870, 7.4014, 146.4704



81.5930, -40.2253, -71.5571



100.8810, 13.3697, -88.4726

Sweetspot

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



101.0100, 75.9171, 56.9962



208.1850, 23.0798, 17.3778



115.5680, 68.7400, -68.0271



99.4370, 14.0816, 10.1408



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.



101.0100, 75.9171, 56.9962



73.9200, 89.2724, 66.7222



125.5690, 54.9355, 113.5110



118.5750, 4.6465, 3.0037



55.5610, 66.7714, 50.3740



18.6580, 22.3536, 16.9629

Inverse Universe

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



113.0290, 6.8877, 124.5086



88.2150, 8.2750, 146.2704



167.4310, -54.9355, -113.5110



119.4570, 0.2677, 7.4922



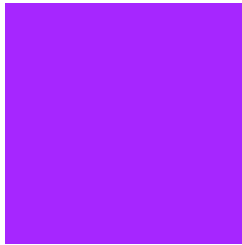
66.0010, 5.9155, 109.6241



22.1000, 1.9227, 36.7463

Previews

White Background



This preview shows how the YUV color 101.0100, 75.9171, 56.9962 looks on a white background.

Color Contrast Check

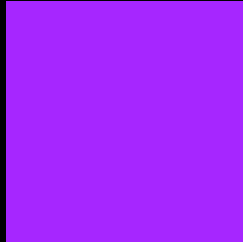
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 101.0100, 75.9171, 56.9962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

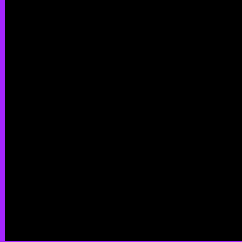
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 101.0100, 75.9171, 56.9962

Background



This preview shows how black text looks on a background with the YUV color 101.0100, 75.9171, 56.9962.

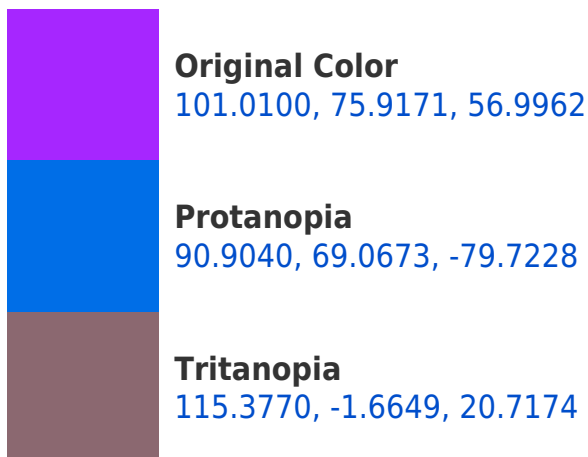


This preview shows how white text looks on a background with the YUV color 101.0100, 75.9171,

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



Trichromacy



Original Color

101.0100, 75.9171, 56.9962



Protanomaly

94.6080, 71.6783, -30.3512



Tritanomaly

110.2070, 26.5199, 34.0215

Monochromacy



Original Color

101.0100, 75.9171, 56.9962



Achromatopsia

101.0000, 0.0000, 0.0000



Achromatomaly

101.0590, 27.5789, 20.9963

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.0100, 75.9171, 56.9962 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(166, 38, 255)` looks like.

```
.text, #text, p{  
    color:rgb(166, 38, 255)  
}
```

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(166, 38, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 38, 255) }
```

Border

The CSS property to change the border of an element to YUV 101.0100, 75.9171, 56.9962 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(166, 38, 255) }
```

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

```
.border{ border-color:rgb(166, 38, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 38, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 38, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 38, 255); box-shadow:4px 4px 4px 4px rgb(166, 38, 255) }
```


Background

The CSS property to change the background color of an element to YUV 101.0100, 75.9171, 56.9962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 38, 255) }
```

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

```
.background{ background-color: rgb(166, 38,  
255) }
```

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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