

Converting Colors

YUV(106.0870, 28.5511,
35.8807)

Have a look what the booklet for
YUV(106.0870, 28.5511, 35.8807)
contains.

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Color

**YUV(106.0870, 28.5511,
35.8807)**

Conversions

Conversions Part 1

Format	Color
Hex	934AA4
RGB	147, 74, 164
RGB Percent	58%, 29%, 64%
CMY	0.4235, 0.7098, 0.3569
CMYK	0.10, 0.55, 0.00, 0.36
HSL	289°, 38%, 47%
HSV	289°, 55%, 64%
XYZ	21.1822, 13.7809, 36.6655
YIQ	106.0870, 14.6180, 43.4660

Conversions

Conversions Part 2

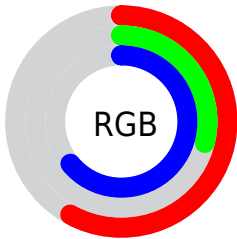
Format	Color
RYB	147, 74, 164
Decimal	9652900
CIELab	43.92, 44.88, -35.84
CIELCh	44, 57.433, 321.391
Yxy	13.7809, 0.2957, 0.1924
Android (android.graphics.Color)	4287842980 (0xFF934AA4)
YUV	106.0870, 28.5511, 35.8807
Hunter-Lab	37.1227, 36.8876, -32.5740

Details

The YUV color **106.0870, 28.5511, 35.8807** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **131.9130, -28.5511, -35.8807**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.6250, 29.2719, 38.0399**, and **53.2010, 28.9879, 35.7807** is the 20% darker color. If you saturate the color by 10%, you get **95.7980, 33.6236, 42.2732**, and if you desaturate by 10%, it is **116.3760, 23.4786, 29.4882**.

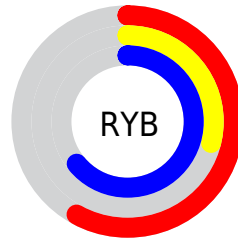
Distribution



Red (58%)

Green (29%)

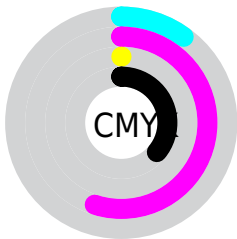
Blue (64%)



Red (58%)

Yellow (29%)

Blue (64%)

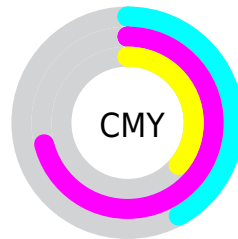


Cyan (10%)

Magenta (55%)

Yellow (0%)

Black (36%)



Cyan (42%)

Magenta (71%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.0870, 28.5511, 35.8807 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 106.0870, 28.5511, 35.8807 by changing the saturation by 10% instead.

106.0870, 28.5511,
35.8807

106.0870, 28.5511,
35.8807

255.0000, 0.0000,
0.0000

80.2610, 27.9723,
34.8511

159.6250, 29.2719,
38.0399

53.2010, 28.9879,
35.7807

187.4510, 29.8507,
39.0695

30.2500, 27.9778,
33.1067

210.9750, 21.7043,
38.6099

20.3380, 21.0324,
20.7516

227.4110, 13.6014,
24.1956

9.0450, 15.2608,
5.2225

244.4340, 5.2090,
9.2664

2.6390, 7.5730,
-2.3144

0.0000, 0.0000,

0.0000

■ 106.0870, 28.5511,
35.8807

■ 106.0870, 28.5511,
35.8807

■ 95.7980, 33.6236,
42.2732

■ 116.3760, 23.4786,
29.4882

■ 84.9220, 38.9855,
49.1804

■ 127.2520, 18.1168,
22.5810

■ 74.6330, 44.0579,
55.5729

■ 137.5410, 13.0443,
16.1885

■ 63.7570, 49.4198,
62.4801

■ 148.4170, 7.6824,
9.2813

■ 58.4630, 52.0297,
65.3689

■ 158.7060, 2.6099,
2.8888

■ 169.2940, -2.6099,
-2.8888

■ 180.1700, -7.9718,
-9.7961

■ 190.4590,
-13.0443, -16.1885

■ 201.3350,
-18.4062, -23.0958

Harmonies

Analogous

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



100.1700, 45.7652, -25.5821



106.0870, 28.5511, 35.8807



98.9100, 10.3974, 71.9929

Triad

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



106.0870, 28.5511, 35.8807



97.9020, -48.2657, 34.2889



88.9930, 23.6675, -78.0469

Complementary

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



106.0870, 28.5511, 35.8807



131.9130, -28.5511, -35.8807

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.



82.8200, 2.5537, -72.6331



106.0870, 28.5511, 35.8807



93.5510, -46.1206, -0.4832

Square

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



106.0870, 28.5511, 35.8807



98.6340, -34.8226, 62.5880



80.5670, -20.4925, -53.9943



91.9060, 42.4443, -80.6016

Rectangle

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



106.0870, 28.5511, 35.8807



96.1810, -4.0332, 80.5253



80.5670, -20.4925, -53.9943



87.1690, 16.6787, -76.4472

Sweetspot

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



106.0870, 28.5511, 35.8807



192.2480, 10.7237, 13.8145



94.8260, 34.1028, -18.2644



94.0640, 6.3774, 7.8369



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



106.0870, 28.5511, 35.8807



123.1600, 44.7841, 55.9877



108.0920, 14.2516, 49.0313



76.1190, 2.8993, 3.4036



51.8120, 45.9417, 58.0469



6.2380, 5.7987, 6.8073

Inverse Universe

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



102.8480, -5.8411, 53.6303



118.2370, -8.9908, 83.9842



129.9080, -14.2516, -49.0313



75.9190, -0.4531, 5.3330



46.4330, -9.5805, 86.4433



5.7240, -1.3429, 10.7661

Previews

White Background



This preview shows how the YUV color 106.0870, 28.5511, 35.8807 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 106.0870, 28.5511, 35.8807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

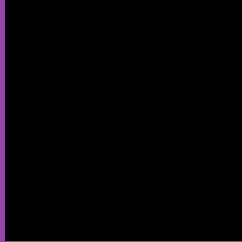
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.0870, 28.5511, 35.8807

Background



This preview shows how black text looks on a background with the YUV color 106.0870, 28.5511, 35.8807.



This preview shows how white text looks on a background with the YUV color 106.0870, 28.5511, 35.8807.

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

106.0870, 28.5511, 35.8807

Protanopia

99.0720, 44.3345, -33.3891

Deuteranopia

102.3820, 27.4197, -21.3830



Tritanopia

105.8510, -3.8705, 28.1947

Trichromacy



Original Color

106.0870, 28.5511, 35.8807

Protanomaly

101.4450, 38.7276, -8.2833

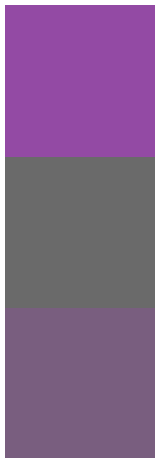
Deuteranomaly

103.6280, 27.7914, -0.5508

Tritanomaly

105.9620, 7.9067, 30.7283

Monochromacy



Original Color

106.0870, 28.5511, 35.8807

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.8350, 10.4343, 13.2997

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.0870, 28.5511, 35.8807 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(147, 74, 164)` looks like.

```
.text, #text, p{  
    color:rgb(147, 74, 164)  
}
```

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(147, 74, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 74, 164) }
```

Border

The CSS property to change the border of an element to YUV 106.0870, 28.5511, 35.8807 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(147, 74, 164) }
```


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

```
.border{ border-color:rgb(147, 74, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 74, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 74, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 74, 164);  
box-shadow:4px 4px 4px 4px rgb(147, 74,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 106.0870, 28.5511, 35.8807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 74, 164) }
```

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

```
.background{ background-color: rgb(147, 74,  
164) }
```

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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