

Converting Colors

YUV(96.8600, 22.7470, 30.8178)

Have a look what the booklet for
YUV(96.8600, 22.7470, 30.8178)
contains.

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Color

**YUV(96.8600, 22.7470,
30.8178)**

Conversions

Conversions Part 1

Format	Color
Hex	84468F
RGB	132, 70, 143
RGB Percent	52%, 27%, 56%
CMY	0.4824, 0.7255, 0.4392
CMYK	0.08, 0.51, 0.00, 0.44
HSL	291°, 34%, 42%
HSV	291°, 51%, 56%
XYZ	16.6638, 11.2690, 27.2835
YIQ	96.8600, 13.5190, 35.8470

Conversions

Conversions Part 2

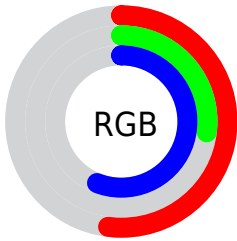
Format	Color
R _Y B	132, 70, 143
Decimal	8668815
CIE Lab	40.03, 38.34, -29.49
CIE LCh	40, 48.363, 322.434
Yxy	11.2690, 0.3018, 0.2041
Android (android.graphics.Color)	4286858895 (0xFF84468F)
YUV	96.8600, 22.7470, 30.8178
Hunter-Lab	33.5694, 29.8609, -24.6893

Details

The YUV color **96.8600, 22.7470, 30.8178** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **116.1400, -22.7470, -30.8178**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.3980, 23.4678, 32.9770**, and **46.1480, 22.6050, 29.6882** is the 20% darker color. If you saturate the color by 10%, you get **88.0440, 27.0933, 36.7954**, and if you desaturate by 10%, it is **105.6760, 18.4007, 24.8401**.

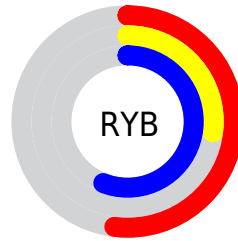
Distribution



Red (52%)

Green (27%)

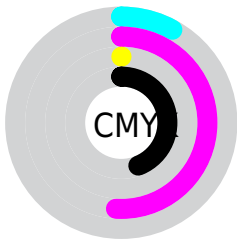
Blue (56%)



Red (52%)

Yellow (27%)

Blue (56%)

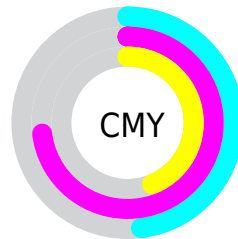


Cyan (8%)

Magenta (51%)

Yellow (0%)

Black (44%)



Cyan (48%)

Magenta (73%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.8600, 22.7470, 30.8178 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 96.8600, 22.7470, 30.8178 by changing the saturation by 10% instead.

■ 96.8600, 22.7470,
30.8178

■ 96.8600, 22.7470,
30.8178

■ 255.0000, 0.0000,
0.0000

■ 71.4470, 22.4576,
30.3030

■ 149.3980, 23.4678,
32.9770

■ 46.1480, 22.6050,
29.6882

■ 176.2240, 24.0466,
34.0066

■ 24.1970, 21.5949,
27.0142

■ 204.0500, 24.6254,
35.0362

■ 16.0080, 14.7861,
17.5330

■ 223.8890, 15.3377,
27.2843

■ 3.3230, 10.1938,
-2.9143

■ 240.9120, 6.9454,
12.3552

■ 0.0000, 0.0000,
0.0000

■ 96.8600, 22.7470,
30.8178

■ 96.8600, 22.7470,
30.8178

■ 88.0440, 27.0933,
36.7954

■ 105.6760, 18.4007,
24.8401

■ 78.6410, 31.7290,
43.2878

■ 115.0790, 13.7651,
18.3477

■ 69.8250, 36.0753,
49.2655

■ 123.8950, 9.4188,
12.3701

■ 60.7100, 40.5690,
54.6283

■ 133.0100, 4.9251,
7.0072

■ 52.4810, 44.6259,
60.0912


■ 142.4130, 0.2894,
0.5148

■ 151.2290, -4.0569,
-5.4628

■ 160.0450, -8.4032,
-11.4405

■ 168.8610,

-12.7495, -17.4181

 178.2640,
-17.3852, -23.9105

Harmonies

Analogous

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



92.9340, 37.0075, -16.6051



96.8600, 22.7470, 30.8178



92.7960, 6.5096, 58.9379

Triad

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



96.8600, 22.7470, 30.8178



88.7210, -43.7395, 29.1857



80.3530, 21.0250, -70.4696

Complementary

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



96.8600, 22.7470, 30.8178



116.1400, -22.7470, -30.8178

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.



75.2060, 3.8424, -65.9557



96.8600, 22.7470, 30.8178



85.3860, -39.1373, -0.3385

Square

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



96.8600, 22.7470, 30.8178



91.2350, -29.6959, 51.5369



77.2680, -16.8941, -41.4540



82.3540, 36.3075, -72.2245

Rectangle

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



96.8600, 22.7470, 30.8178



90.7400, -5.2948, 65.1260



77.2680, -16.8941, -41.4540



78.8710, 15.3466, -69.1699

Sweetspot

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



96.8600, 22.7470, 30.8178



168.3680, 8.6926, 11.9553



85.3660, 28.4136, -13.4760



83.4230, 5.2145, 7.5220



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



96.8600, 22.7470, 30.8178



114.5860, 35.2071, 47.7211



97.4130, 10.6424, 39.9798



66.5920, 2.1731, 2.9888



49.7750, 42.0159, 57.2023



2.7060, 2.6099, 2.8888

Inverse Universe

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



93.0810, -5.9559, 43.7790



108.7250, -9.2314, 67.7702



115.5870, -10.6424, -39.9798



66.2070, -0.5951, 4.2035



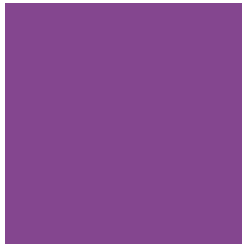
42.6450, -11.1640, 80.9953



2.5060, -0.7425, 4.8182

Previews

White Background



This preview shows how the YUV color 96.8600, 22.7470, 30.8178 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 96.8600, 22.7470, 30.8178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

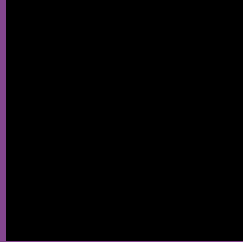
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.8600, 22.7470, 30.8178

Background



This preview shows how black text looks on a background with the YUV color 96.8600, 22.7470, 30.8178.



This preview shows how white text looks on a background with the YUV color 96.8600, 22.7470,

30.8178.

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

96.8600, 22.7470, 30.8178

Protanopia

92.3090, 34.8507, -24.8270

Deuteranopia

94.0470, 22.1618, -14.9502



Tritanopia

96.2420, -3.5703, 25.2208

Trichromacy



Original Color

96.8600, 22.7470, 30.8178

Protanomaly

94.2900, 30.4230, -4.6393

Deuteranomaly

94.8580, 22.2550, 1.8785

Tritanomaly

96.4840, 6.1704, 27.6395

Monochromacy



Original Color

96.8600, 22.7470, 30.8178

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.9550, 8.4032, 11.4405

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.8600, 22.7470, 30.8178 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(132, 70, 143)` looks like.

```
.text, #text, p{  
    color:rgb(132, 70, 143)  
}
```

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(132, 70, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 70, 143) }
```

Border

The CSS property to change the border of an element to YUV 96.8600, 22.7470, 30.8178 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(132, 70, 143) }
```


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

```
.border{ border-color:rgb(132, 70, 143) }
```

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

Here you see how a box with a 4 pixel rgb(132, 70, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 70, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 70, 143);  
box-shadow:4px 4px 4px 4px rgb(132, 70,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 96.8600, 22.7470, 30.8178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 70, 143) }
```

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

```
.background{ background-color: rgb(132, 70,  
143) }
```

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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