

Converting Colors

YUV(105.6680, 27.2787,
23.9702)

Have a look what the booklet for
YUV(105.6680, 27.2787, 23.9702)
contains.

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Color

**YUV(105.6680, 27.2787,
23.9702)**

Conversions

Conversions Part 1

Format	Color
Hex	8551A1
RGB	133, 81, 161
RGB Percent	52%, 32%, 63%
CMY	0.4784, 0.6824, 0.3686
CMYK	0.17, 0.50, 0.00, 0.37
HSL	279°, 33%, 47%
HSV	279°, 50%, 63%
XYZ	19.0483, 13.4446, 35.3093
YIQ	105.6680, 5.3120, 35.9040

Conversions

Conversions Part 2

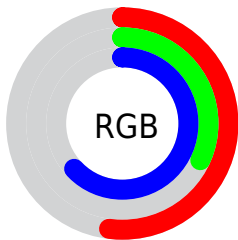
Format	Color
R_{YB}	133, 81, 161
Decimal	8737185
CIE _{Lab}	43.43, 36.46, -34.95
CIE _{LCh}	43, 50.502, 316.210
Yxy	13.4446, 0.2809, 0.1983
Android (android.graphics.Color)	4286927265 (0xFF8551A1)
YUV	105.6680, 27.2787, 23.9702
Hunter-Lab	36.6669, 28.5630, -31.4280

Details

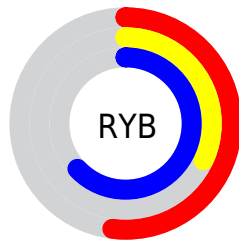
The YUV color **105.6680, 27.2787, 23.9702** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **136.3320, -27.2787, -23.9702**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.3200, 28.4362, 26.0294**, and **56.0160, 26.1211, 21.9110** is the 20% darker color. If you saturate the color by 10%, you get **94.4820, 32.7934, 28.5183**, and if you desaturate by 10%, it is **116.8540, 21.7640, 19.4220**.

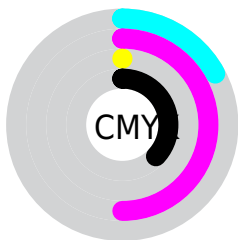
Distribution



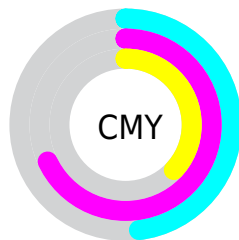
- Red (52%)
- Green (32%)
- Blue (63%)



- Red (52%)
- Yellow (32%)
- Blue (63%)



- Cyan (17%)
- Magenta (50%)
- Yellow (0%)
- Black (37%)



- Cyan (48%)
- Magenta (68%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.6680, 27.2787, 23.9702 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 105.6680, 27.2787, 23.9702 by changing the saturation by 10% instead.

■ 105.6680, 27.2787,
23.9702

■ 105.6680, 27.2787,
23.9702

■ 255.0000, 0.0000,
0.0000

■ 80.8420, 26.6999,
22.9406

■ 158.3200, 28.4362,
26.0294

■ 56.0160, 26.1211,
21.9110

■ 185.8470, 29.1624,
26.4442

■ 30.4290, 26.4105,
22.4258

■ 211.5070, 21.4420,
29.3734

■ 16.8210, 21.7802,
14.1890

■ 230.9330, 11.8650,
21.1068

■ 4.3320, 16.5983,
-3.7992

■ 247.3690, 3.7621,
6.6924

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,

0.0000

■ 105.6680, 27.2787,
23.9702

■ 105.6680, 27.2787,
23.9702

■ 94.4820, 32.7934,
28.5183

■ 116.8540, 21.7640,
19.4220

■ 83.5950, 38.1607,
33.6812

■ 127.7410, 16.3967,
14.2591

■ 72.4090, 43.6754,
38.2293

■ 138.9270, 10.8820,
9.7110

■ 61.2230, 49.1901,
42.7774

■ 150.1130, 5.3673,
5.1629

■ 49.7490, 54.8467,
48.4551

■ 161.5870, -0.2894,
-0.5148

■ 172.7730, -5.8041,
-5.0629

■ 183.6600,
-11.1714, -10.2258

■ 194.8460,
-16.6861, -14.7739

■ 206.0320,
-22.2008, -19.3221

Harmonies

Analogous

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



97.8010, 42.0031, -32.2745



105.6680, 27.2787, 23.9702



101.9360, 10.8776, 57.9381

Triad

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



105.6680, 27.2787, 23.9702



97.7650, -43.7611, 36.1631



85.8640, 19.2940, -75.3027

Complementary

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



105.6680, 27.2787, 23.9702



136.3320, -27.2787, -23.9702

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.



80.2610, 0.3643, -70.3889



105.6680, 27.2787, 23.9702



94.3500, -44.5425, 6.7091

Square

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



105.6680, 27.2787, 23.9702



99.1480, -27.6810, 58.6292



87.9010, -23.6152, -32.3622



88.9080, 36.0344, -77.9723

Rectangle

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



105.6680, 27.2787, 23.9702



99.0870, -1.5219, 68.3297



87.9010, -23.6152, -32.3622



84.1540, 12.7421, -73.8031

Sweetspot

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



105.6680, 27.2787, 23.9702



187.5140, 10.5926, 9.1962



106.5560, 26.8409, -22.4126



91.7540, 6.5303, 5.4777



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



105.6680, 27.2787, 23.9702



122.4690, 42.6598, 37.2997



112.6720, 17.9097, 42.3837



75.8200, 3.0467, 2.7889



44.6360, 49.4795, 43.2922



5.6400, 6.0935, 5.5777

Inverse Universe

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



108.1120, 0.4378, 46.3828



126.3910, 0.7932, 72.4481



129.3280, -17.9097, -42.3837



76.0330, -0.0163, 5.2331



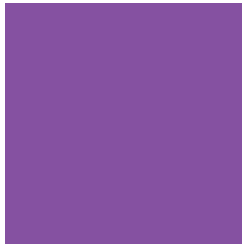
49.1690, 0.9027, 84.0438



6.0660, -0.0325, 10.4661

Previews

White Background



This preview shows how the YUV color 105.6680, 27.2787, 23.9702 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 105.6680, 27.2787, 23.9702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

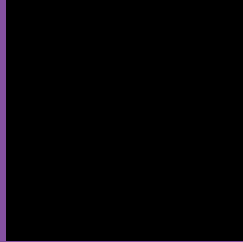
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 105.6680, 27.2787, 23.9702

Background



This preview shows how black text looks on a background with the YUV color 105.6680, 27.2787, 23.9702.



This preview shows how white text looks on a background with the YUV color 105.6680, 27.2787, 23.9702.

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

105.6680, 27.2787, 23.9702

Protanopia

99.4380, 39.2241, -27.5711

Deuteranopia

101.3820, 27.4197, -21.3830



Tritanopia

104.4690, -1.2172, 17.1287

Trichromacy



Original Color

105.6680, 27.2787, 23.9702

Protanomaly

101.7070, 34.6544, -8.5130

Deuteranomaly

102.7800, 27.2235, -5.0691

Tritanomaly

104.8250, 8.9603, 19.4475

Monochromacy



Original Color

105.6680, 27.2787, 23.9702

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.9870, 9.8664, 8.7814

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.6680, 27.2787, 23.9702 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(133, 81, 161)` looks like.

```
.text, #text, p{  
    color:rgb(133, 81, 161)  
}
```

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(133, 81, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 81, 161) }
```

Border

The CSS property to change the border of an element to YUV 105.6680, 27.2787, 23.9702 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(133, 81, 161) }
```


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

```
.border{ border-color:rgb(133, 81, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 81, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 81, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 81, 161);  
box-shadow:4px 4px 4px 4px rgb(133, 81,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 105.6680, 27.2787, 23.9702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 81, 161) }
```

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

```
.background{ background-color: rgb(133, 81,  
161) }
```

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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