

Converting Colors

YUV(107.0930, 22.6322,
20.9664)

Have a look what the booklet for
YUV(107.0930, 22.6322, 20.9664)
contains.

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Color

**YUV(107.0930, 22.6322,
20.9664)**

Conversions

Conversions Part 1

Format	Color
Hex	835699
RGB	131, 86, 153
RGB Percent	51%, 34%, 60%
CMY	0.4863, 0.6627, 0.4000
CMYK	0.14, 0.44, 0.00, 0.40
HSL	280°, 28%, 47%
HSV	280°, 44%, 60%
XYZ	18.4376, 13.7808, 31.8252
YIQ	107.0930, 5.3130, 30.3770

Conversions

Conversions Part 2

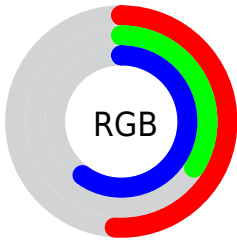
Format	Color
RYB	131, 86, 153
Decimal	8607385
CIELab	43.92, 31.18, -29.42
CIELCh	44, 42.870, 316.657
Yxy	13.7808, 0.2879, 0.2152
Android (android.graphics.Color)	4286797465 (0xFF835699)
YUV	107.0930, 22.6322, 20.9664
Hunter-Lab	37.1225, 23.6913, -24.8437

Details

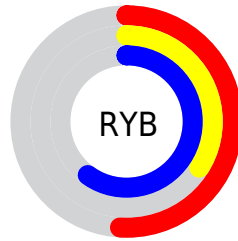
The YUV color **107.0930, 22.6322, 20.9664** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **131.9070, -22.6322, -20.9664**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.4460, 23.9371, 22.4109**, and **58.4410, 21.4746, 18.9072** is the 20% darker color. If you saturate the color by 10%, you get **96.7930, 27.7101, 25.6145**, and if you desaturate by 10%, it is **117.3930, 17.5543, 16.3183**.

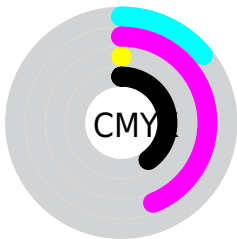
Distribution



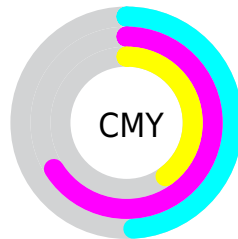
- Red (51%)
- Green (34%)
- Blue (60%)



- Red (51%)
- Yellow (34%)
- Blue (60%)



- Cyan (14%)
- Magenta (44%)
- Yellow (0%)
- Black (40%)



- Cyan (49%)
- Magenta (66%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.0930, 22.6322, 20.9664 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 107.0930, 22.6322, 20.9664 by changing the saturation by 10% instead.

■ 107.0930, 22.6322,
20.9664

■ 107.0930, 22.6322,
20.9664

■ 255.0000, 0.0000,
0.0000

■ 82.2670, 22.0534,
19.9368

■ 159.4460, 23.9371,
22.4109

■ 58.4410, 21.4746,
18.9072

■ 186.2720, 24.5159,
23.4405

■ 34.0280, 21.1852,
18.3924

■ 213.5450, 20.4373,
24.9550

■ 16.0230, 18.7227,
14.8888

■ 233.8680, 10.4181,
18.5328

■ 3.6480, 13.9775,
-3.1993

■ 250.3040, 2.3151,
4.1184

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,

0.0000

■ 107.0930, 22.6322,
20.9664

■ 107.0930, 22.6322,
20.9664

■ 96.7930, 27.7101,
25.6145

■ 117.3930, 17.5543,
16.3183

■ 85.9060, 33.0773,
30.7774

■ 128.2800, 12.1870,
11.1554

■ 75.6060, 38.1552,
35.4255

■ 138.5800, 7.1091,
6.5073

■ 65.3060, 43.2331,
40.0736

■ 148.8800, 2.0312,
1.8592

■ 55.0060, 48.3110,
44.7217

■ 159.7670, -3.3361,
-3.3037

■ 48.2390, 51.6472,
48.0254

■ 170.0670, -8.4140,
-7.9518

■ 180.3670,
-13.4919, -12.5999

■ 190.6670,
-18.5698, -17.2480

■ 201.5540,
-23.9371, -22.4109

Harmonies

Analogous

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



101.6190, 34.6978, -22.4679



107.0930, 22.6322, 20.9664



105.3710, 7.7051, 48.7866

Triad

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



107.0930, 22.6322, 20.9664



100.5500, -34.2882, 31.0897



85.0490, 18.7098, -74.5880

Complementary

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



107.0930, 22.6322, 20.9664



131.9070, -22.6322, -20.9664

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.



80.2440, 2.8377, -70.3740



107.0930, 22.6322, 20.9664



97.9120, -33.4806, 5.3392

Square

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



107.0930, 22.6322, 20.9664



102.0160, -24.1649, 50.8520



92.8570, -20.1425, -26.1846



87.5230, 33.2662, -76.7577

Rectangle

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



107.0930, 22.6322, 20.9664



103.2660, -3.0891, 57.6487



92.8570, -20.1425, -26.1846



83.6810, 13.4683, -73.3882

Sweetspot

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



107.0930, 22.6322, 20.9664



181.0470, 8.8508, 7.8518



106.5520, 22.8989, -18.0241



88.7000, 5.0779, 4.6481



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



107.0930, 22.6322, 20.9664



126.3130, 35.8347, 33.0515



112.4170, 14.5844, 35.5913



71.4070, 2.7573, 2.2741



44.0660, 47.2955, 43.7921



4.1730, 4.3517, 4.2333

Inverse Universe

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



108.5410, -0.2667, 38.9905



128.6840, -0.3372, 61.6671



126.5830, -14.5844, -35.5913



71.6200, -0.3057, 4.7183



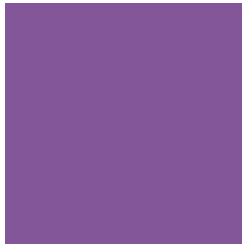
47.1040, -0.5443, 81.4698



4.3430, -0.1691, 7.5922

Previews

White Background



This preview shows how the YUV color 107.0930, 22.6322, 20.9664 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 107.0930, 22.6322, 20.9664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

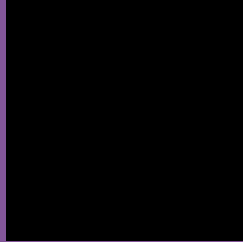
Any Text WCAG AA × Fail

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 107.0930, 22.6322, 20.9664 Background



This preview shows how black text looks on a background with the YUV color 107.0930, 22.6322, 20.9664.



This preview shows how white text looks on a background with the YUV color 107.0930, 22.6322,

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

107.0930, 22.6322, 20.9664

Protanopia

102.5330, 31.7822, -20.6384

Deuteranopia

103.2750, 23.0354, -15.1502



Tritanopia

105.8710, -0.9224, 15.8991

Trichromacy



Original Color

107.0930, 22.6322, 20.9664

Protanomaly

104.1220, 28.5339, -5.3690

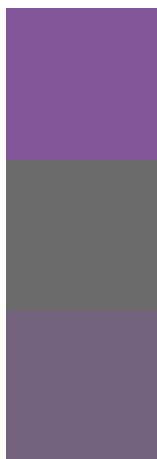
Deuteranomaly

104.6510, 22.8501, -2.3249

Tritanomaly

106.4720, 7.6553, 18.0031

Monochromacy



Original Color

107.0930, 22.6322, 20.9664

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.9330, 8.4140, 7.9518

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.0930, 22.6322, 20.9664 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(131, 86, 153)` looks like.

```
.text, #text, p{  
    color:rgb(131, 86, 153)  
}
```

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(131, 86, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 86, 153) }
```

Border

The CSS property to change the border of an element to YUV 107.0930, 22.6322, 20.9664 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(131, 86, 153) }
```


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

```
.border{ border-color:rgb(131, 86, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 86, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 86, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 86, 153);  
box-shadow:4px 4px 4px 4px rgb(131, 86,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 107.0930, 22.6322, 20.9664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 86, 153) }
```

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

```
.background{ background-color: rgb(131, 86,  
153) }
```

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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