

Converting Colors

YUV(106.0930, 22.6322,
20.9664)

Have a look what the booklet for
YUV(106.0930, 22.6322, 20.9664)
contains.

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Color

**YUV(106.0930, 22.6322,
20.9664)**

Conversions

Conversions Part 1

Format	Color
Hex	825598
RGB	130, 85, 152
RGB Percent	51%, 33%, 60%
CMY	0.4902, 0.6667, 0.4039
CMYK	0.14, 0.44, 0.00, 0.40
HSL	280°, 28%, 46%
HSV	280°, 44%, 60%
XYZ	18.1219, 13.5098, 31.3583
YIQ	106.0930, 5.3130, 30.3770

Conversions

Conversions Part 2

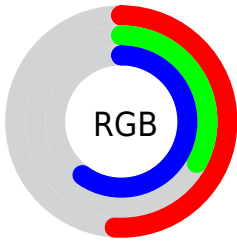
Format	Color
RYB	130, 85, 152
Decimal	8541592
CIELab	43.52, 31.22, -29.45
CIElCh	44, 42.921, 316.668
Yxy	13.5098, 0.2877, 0.2145
Android (android.graphics.Color)	4286731672 (0xFF825598)
YUV	106.0930, 22.6322, 20.9664
Hunter-Lab	36.7557, 23.6846, -24.8545

Details

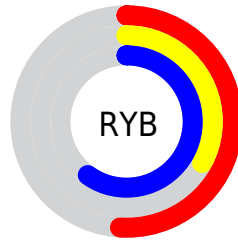
The YUV color **106.0930, 22.6322, 20.9664** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **130.9070, -22.6322, -20.9664**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.4460, 23.9371, 22.4109**, and **57.4410, 21.4746, 18.9072** is the 20% darker color. If you saturate the color by 10%, you get **95.7930, 27.7101, 25.6145**, and if you desaturate by 10%, it is **116.3930, 17.5543, 16.3183**.

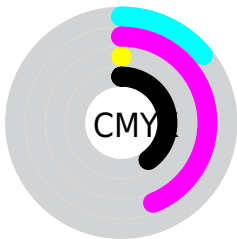
Distribution



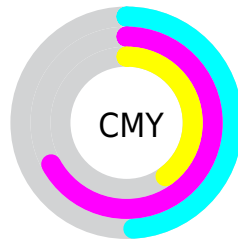
- Red (51%)
- Green (33%)
- Blue (60%)



- Red (51%)
- Yellow (33%)
- Blue (60%)



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



- Cyan (49%)
- Magenta (67%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.0930, 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 106.0930, 22.6322, 20.9664 by changing the saturation by 10% instead.

■ 106.0930, 22.6322,
20.9664

■ 106.0930, 22.6322,
20.9664

■ 255.0000, 0.0000,
0.0000

■ 81.2670, 22.0534,
19.9368

■ 158.4460, 23.9371,
22.4109

■ 57.4410, 21.4746,
18.9072

■ 185.2720, 24.5159,
23.4405

■ 33.0280, 21.1852,
18.3924

■ 212.6590, 20.8741,
24.8551

■ 15.6100, 18.4333,
14.3740

■ 233.2810, 10.7075,
19.0476

■ 3.5340, 13.5407,
-3.0993

■ 249.7170, 2.6045,
4.6332

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,

0.0000

■ 106.0930, 22.6322,
20.9664

■ 106.0930, 22.6322,
20.9664

■ 95.7930, 27.7101,
25.6145

■ 116.3930, 17.5543,
16.3183

■ 85.4930, 32.7880,
30.2626

■ 126.6930, 12.4764,
11.6702

■ 74.6060, 38.1552,
35.4255

■ 137.5800, 7.1091,
6.5073

■ 64.3060, 43.2331,
40.0736

■ 147.8800, 2.0312,
1.8592

■ 54.0060, 48.3110,
44.7217

■ 158.1800, -3.0467,
-2.7889

■ 47.8260, 51.3578,
47.5106

■ 168.4800, -8.1246,
-7.4370

■ 178.7800,
-13.2025, -12.0851

■ 189.6670,
-18.5698, -17.2480

■ 199.9670,
-23.6477, -21.8961

Harmonies

Analogous

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



100.6190, 34.6978, -22.4679



106.0930, 22.6322, 20.9664



104.3710, 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.



106.0930, 22.6322, 20.9664



99.5500, -34.2882, 31.0897



84.3480, 18.5624, -73.9732

Complementary

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



106.0930, 22.6322, 20.9664



130.9070, -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.



79.5430, 2.6903, -69.7592



106.0930, 22.6322, 20.9664



96.9120, -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.



106.0930, 22.6322, 20.9664



100.7170, -24.0175, 50.2372



91.8570, -20.1425, -26.1846



86.8220, 33.1188, -76.1429

Rectangle

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



106.0930, 22.6322, 20.9664



102.2660, -3.0891, 57.6487



91.8570, -20.1425, -26.1846



82.9800, 13.3209, -72.7735

Sweetspot

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



106.0930, 22.6322, 20.9664



178.9330, 8.4140, 7.9518



105.5520, 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.



106.0930, 22.6322, 20.9664



124.7860, 35.1085, 32.6367



111.4170, 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.



107.5410, -0.2667, 38.9905



126.9720, -0.4792, 60.5376



125.5830, -14.5844, -35.5913



71.6200, -0.3057, 4.7183



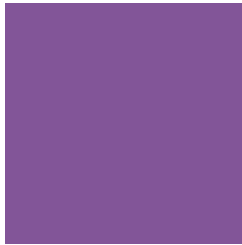
47.1040, -0.5443, 81.4698



4.3430, -0.1691, 7.5922

Previews

White Background



This preview shows how the YUV color 106.0930, 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 106.0930, 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 106.0930, 22.6322, 20.9664 Background



This preview shows how black text looks on a background with the YUV color 106.0930, 22.6322, 20.9664.

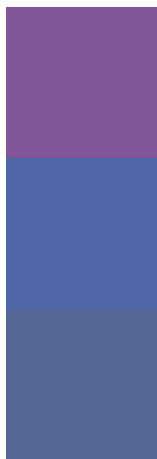


This preview shows how white text looks on a background with the YUV color 106.0930, 22.6322,

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

106.0930, 22.6322, 20.9664

Protanopia

101.5330, 31.7822, -20.6384

Deuteranopia

102.2750, 23.0354, -15.1502



Tritanopia

104.8710, -0.9224, 15.8991

Trichromacy



Original Color

106.0930, 22.6322, 20.9664

Protanomaly

103.1220, 28.5339, -5.3690

Deuteranomaly

103.6510, 22.8501, -2.3249

Tritanomaly

105.4720, 7.6553, 18.0031

Monochromacy



Original Color

106.0930, 22.6322, 20.9664

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.9330, 8.4140, 7.9518

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.0930, 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(130, 85, 152)` looks like.

```
.text, #text, p{  
    color:rgb(130, 85, 152)  
}
```

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(130, 85, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 85, 152) }
```

Border

The CSS property to change the border of an element to YUV 106.0930, 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(130, 85, 152) }
```


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

```
.border{ border-color:rgb(130, 85, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 85, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 85, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 85, 152);  
box-shadow:4px 4px 4px 4px rgb(130, 85,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 106.0930, 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(130, 85, 152) }
```

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

```
.background{ background-color: rgb(130, 85,  
152) }
```

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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