

Converting Colors

YUV(101.9270, 27.6440, 0.0640)

Have a look what the booklet for
YUV(101.9270, 27.6440, 0.0640)
contains.

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Color

**YUV(101.9270, 27.6440,
0.0640)**

Conversions

Conversions Part 1

Format	Color
Hex	665B9E
RGB	102, 91, 158
RGB Percent	40%, 36%, 62%
CMY	0.6000, 0.6431, 0.3804
CMYK	0.35, 0.42, 0.00, 0.38
HSL	250°, 27%, 49%
HSV	250°, 42%, 62%
XYZ	15.3921, 12.7756, 34.0024
YIQ	101.9270, -14.9510, 23.1690

Conversions

Conversions Part 2

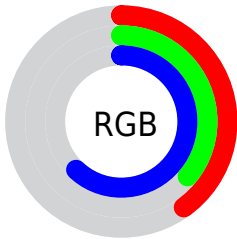
Format	Color
R_{YB}	102, 91, 158
Decimal	6708126
CIE _{Lab}	42.42, 20.71, -34.96
CIE _{LCh}	42, 40.635, 300.644
Yxy	12.7756, 0.2476, 0.2055
Android (android.graphics.Color)	4284898206 (0xFF665B9E)
YUV	101.9270, 27.6440, 0.0640
Hunter-Lab	35.7429, 14.3181, -31.3828

Details

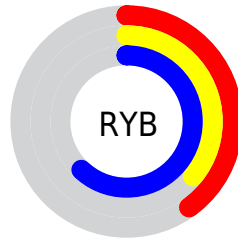
The YUV color $101.9270, 27.6440, 0.0640$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $147.0730, -27.6440, -0.0640$, and the grayscale version is $102.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $153.3940, 29.3858, 1.4085$, and $53.7480, 25.7602, -2.4100$ is the 20% darker color. If you saturate the color by 10%, you get $88.6480, 34.1905, 0.3087$, and if you desaturate by 10%, it is $115.2060, 21.0974, -0.1807$.

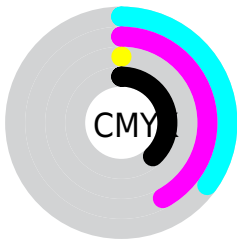
Distribution



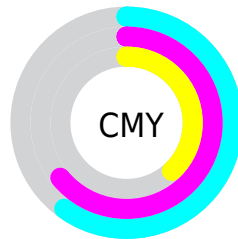
- Red (40%)
- Green (36%)
- Blue (62%)



- Red (40%)
- Yellow (36%)
- Blue (62%)



- Cyan (35%)
- Magenta (42%)
- Yellow (0%)
- Black (38%)



- Cyan (60%)
- Magenta (64%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.9270, 27.6440, 0.0640 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 101.9270, 27.6440, 0.0640 by changing the saturation by 10% instead.

■ 101.9270, 27.6440,
0.0640

■ 101.9270, 27.6440,
0.0640

■ 255.0000, 0.0000,
0.0000

■ 77.1010, 27.0652,
-0.9656

■ 153.3940, 29.3858,
1.4085

■ 53.7480, 25.7602,
-2.4100

■ 180.9210, 30.1119,
1.8233

■ 30.9110, 25.1869,
-5.1839

■ 206.6240, 23.8494,
3.8378

■ 6.9110, 25.1869,
-5.1839

■ 231.7310, 11.4716,
7.2519

■ 5.2780, 15.1459,
-4.6288

■ 252.6520, 1.1576,
2.0592

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,

0.0000

■ 101.9270, 27.6440,
0.0640

■ 101.9270, 27.6440,
0.0640

■ 88.6480, 34.1905,
0.3087

■ 115.2060, 21.0974,
-0.1807

■ 75.3690, 40.7371,
0.5534

■ 128.4850, 14.5509,
-0.4253

■ 62.3780, 47.1416,
-0.3315

■ 141.4760, 8.1463,
0.4595

■ 49.0990, 53.6882,
-0.0868

■ 154.7550, 1.5998,
0.2149

■ 35.8200, 60.2347,
0.1579

■ 168.0340, -4.9468,
-0.0298

■ 25.7860, 65.1815,
0.1877

■ 181.3130,
-11.4933, -0.2745

■ 194.5920,
-18.0399, -0.5192

■ 207.5830,
-24.4444, 0.3657

■ 220.8620,
-30.9910, 0.1210

Harmonies

Analogous

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



86.3650, 39.7531, -57.3251



101.9270, 27.6440, 0.0640



102.6340, 15.4634, 33.6470

Triad

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



101.9270, 27.6440, 0.0640



98.2120, -28.2055, 40.1561



79.4920, 10.1104, -69.7145

Complementary

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



101.9270, 27.6440, 0.0640



147.0730, -27.6440, -0.0640

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.



85.2060, -9.4686, -43.1537



101.9270, 27.6440, 0.0640



96.5870, -33.8134, 18.7792

Square

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



101.9270, 27.6440, 0.0640



99.0300, -15.2978, 53.4707



92.9580, -26.6013, -7.8562



83.2540, 24.5248, -73.0138

Rectangle

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



101.9270, 27.6440, 0.0640



101.0890, 5.3791, 48.1569



92.9580, -26.6013, -7.8562



78.1240, 4.8689, -68.5147

Sweetspot

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



101.9270, 27.6440, 0.0640



184.2740, 11.2039, -0.2403



132.0970, 12.7702, -36.0421



90.8350, 6.9833, 0.1447



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.



101.9270, 27.6440, 0.0640



118.4660, 43.6473, 0.4683



111.7940, 22.7796, 20.3517



72.2110, 3.3470, -0.1850



23.1790, 59.0718, -0.1570



2.6070, 6.1097, 0.3447

Inverse Universe

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



117.4170, 14.5844, 35.5913



142.7260, 22.8131, 56.3683



137.2060, -22.7796, -20.3517



74.1900, 1.8783, 4.2184



56.3230, 30.8998, 76.0157



5.9670, 3.4673, 7.9219

Previews

White Background



This preview shows how the YUV color 101.9270, 27.6440, 0.0640 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 101.9270, 27.6440, 0.0640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

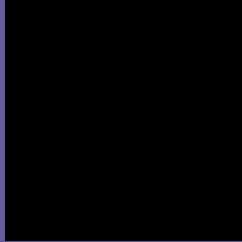
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 101.9270, 27.6440, 0.0640

Background



This preview shows how black text looks on a background with the YUV color 101.9270, 27.6440, 0.0640.



This preview shows how white text looks on a background with the YUV color 101.9270, 27.6440,

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

101.9270, 27.6440, 0.0640

Protanopia

98.3480, 32.3664, -21.3532

Deuteranopia

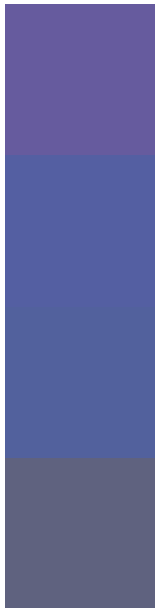
97.7130, 28.7355, -23.4273



Tritanopia

99.6230, 5.1159, -7.5624

Trichromacy



Original Color

101.9270, 27.6440, 0.0640

Protanomaly

99.3490, 30.8869, -13.4611

Deuteranomaly

99.3550, 28.4190, -15.2203

Tritanomaly

100.4090, 13.1094, -4.7437

Monochromacy



Original Color

101.9270, 27.6440, 0.0640

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

101.9320, 9.8935, 0.0596

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.9270, 27.6440, 0.0640 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(102, 91, 158)` looks like.

```
.text, #text, p{  
    color:rgb(102, 91, 158)  
}
```

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(102, 91, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 91, 158) }
```

Border

The CSS property to change the border of an element to YUV 101.9270, 27.6440, 0.0640 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(102, 91, 158) }
```


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

```
.border{ border-color:rgb(102, 91, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 91, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 91, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 91, 158);  
box-shadow:4px 4px 4px 4px rgb(102, 91,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 101.9270, 27.6440, 0.0640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 91, 158) }
```

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

```
.background{ background-color: rgb(102, 91,  
158) }
```

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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