

Converting Colors

YUV(64.7070, 24.7944, 27.4440)

Have a look what the booklet for
YUV(64.7070, 24.7944, 27.4440)
contains.

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Color

**YUV(64.7070, 24.7944,
27.4440)**

Conversions

Conversions Part 1

Format	Color
Hex	602773
RGB	96, 39, 115
RGB Percent	38%, 15%, 45%
CMY	0.6235, 0.8471, 0.5490
CMYK	0.17, 0.66, 0.00, 0.55
HSL	285°, 49%, 30%
HSV	285°, 66%, 45%
XYZ	8.6439, 5.1756, 16.7631
YIQ	64.7070, 9.5760, 35.7200

Conversions

Conversions Part 2

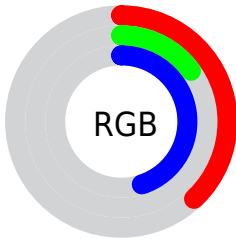
Format	Color
R_{YB}	96, 39, 115
Decimal	6301555
CIE _{Lab}	27.23, 38.52, -32.66
CIE _{LCh}	27, 50.499, 319.706
Yxy	5.1756, 0.2826, 0.1692
Android (android.graphics.Color)	4284491635 (0xFF602773)
YUV	64.7070, 24.7944, 27.4440
Hunter-Lab	22.7500, 28.0087, -27.7621

Details

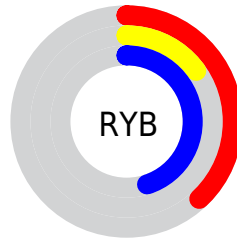
The YUV color **64.7070, 24.7944, 27.4440** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **89.2930, -24.7944, -27.4440**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.2450, 25.5152, 29.6031**, and **21.2780, 22.0479, 21.6812** is the 20% darker color. If you saturate the color by 10%, you get **57.3530, 28.4200, 31.2624**, and if you desaturate by 10%, it is **72.6480, 20.8795, 23.1107**.

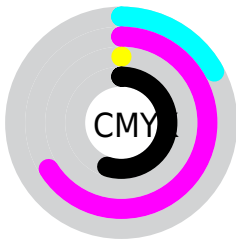
Distribution



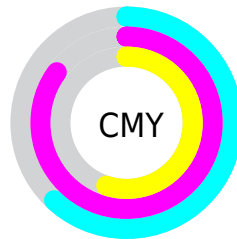
- Red (38%)
- Green (15%)
- Blue (45%)



- Red (38%)
- Yellow (15%)
- Blue (45%)



- Cyan (17%)
- Magenta (66%)
- Yellow (0%)
- Black (55%)



- Cyan (62%)
- Magenta (85%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.7070, 24.7944, 27.4440 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 64.7070, 24.7944, 27.4440 by changing the saturation by 10% instead.

64.7070, 24.7944,
27.4440

64.7070, 24.7944,
27.4440

255.0000, 0.0000,
0.0000

39.1200, 25.0838,
27.9588

115.2450, 25.5152,
29.6031

21.2780, 22.0479,
21.6812

141.7720, 26.2414,
30.0180

12.4910, 15.5339,
10.9704

168.5980, 26.8202,
31.0476

3.0950, 9.3202,
-2.7143

196.4240, 27.3990,
32.0772

0.0000, 0.0000,
0.0000

219.1930, 17.6529,
31.4027

236.2160, 9.2605,

16.4736

253.2390, 0.8682,
1.5444

64.7070, 24.7944,
27.4440

64.7070, 24.7944,
27.4440

57.3530, 28.4200,
31.2624

72.6480, 20.8795,
23.1107

49.4120, 32.3349,
35.5957

80.0020, 17.2540,
19.2922

42.0580, 35.9604,
39.4141

87.9430, 13.3391,
14.9590

38.8240, 37.5548,
41.3734

95.2970, 9.7136,
11.1405

102.9390, 5.9461,
6.1925

■ 110.2930, 2.3206,
2.3740

■ 118.2340, -1.5944,
-1.9592

■ 125.5880, -5.2199,
-5.7777

■ 133.5290, -9.1348,
-10.1109

Harmonies

Analogous

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



55.1380, 40.8510, -36.0780



64.7070, 24.7944, 27.4440



53.4250, 12.6085, 62.7713

Triad

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



64.7070, 24.7944, 27.4440



61.2550, -30.1987, 26.0864



57.6930, 15.4344, -50.5968

Complementary

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



64.7070, 24.7944, 27.4440



89.2930, -24.7944, -27.4440

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.



52.5460, -1.7482, -46.0828



64.7070, 24.7944, 27.4440



57.8340, -28.5122, -1.6084

Square

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



64.7070, 24.7944, 27.4440



57.8760, -28.5329, 51.8517



45.7690, -20.0991, -40.1394



60.3950, 30.8643, -52.9664

Rectangle

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



64.7070, 24.7944, 27.4440



48.8470, 2.5404, 72.0482



45.7690, -20.0991, -40.1394



56.2110, 9.7560, -49.2970

Sweetspot

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



64.7070, 24.7944, 27.4440



130.2970, 9.7136, 11.1405



58.8170, 27.6982, -17.3795



64.3520, 6.2355, 6.7073



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



64.7070, 24.7944, 27.4440



72.0630, 38.4229, 42.9177



68.2220, 13.6946, 41.0243



54.8800, 2.0312, 1.8592



41.4160, 39.7279, 44.3622



84.4130, 81.6344, 89.9688

Inverse Universe

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



63.8900, -2.9038, 44.8235



70.5880, -4.7269, 69.6443



85.7780, -13.6946, -41.0243



54.9080, -0.4476, 3.5887



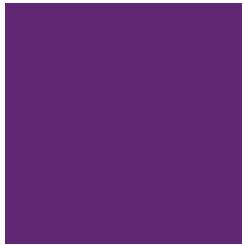
40.0120, -4.4429, 71.9035



81.8180, -9.7703, 147.4956

Previews

White Background



This preview shows how the YUV color 64.7070, 24.7944, 27.4440 looks on a white background.

Color Contrast Check

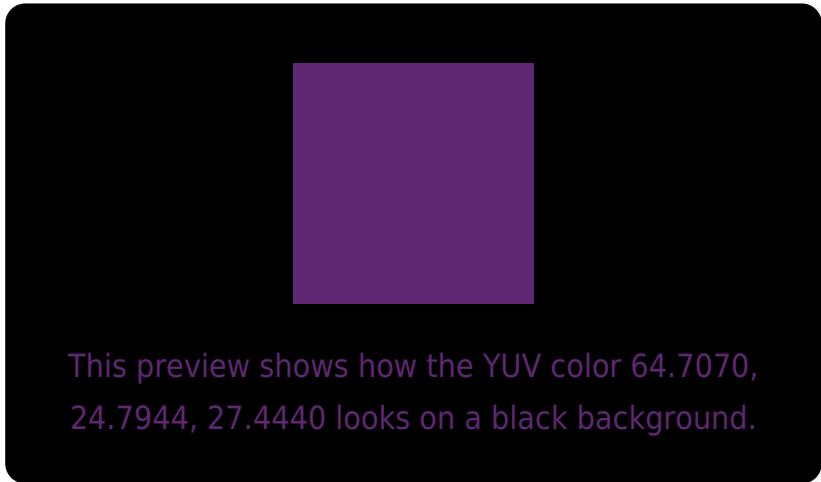
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

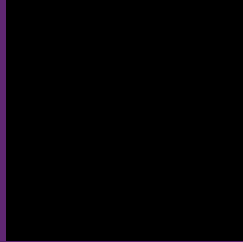
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.7070, 24.7944, 27.4440

Background



This preview shows how black text looks on a background with the YUV color 64.7070, 24.7944, 27.4440.



This preview shows how white text looks on a background with the YUV color 64.7070, 24.7944,

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

64.7070, 24.7944, 27.4440

Protanopia

52.2570, 40.2993, -45.8294

Deuteranopia

61.1490, 24.0835, -24.6867



Tritanopia

66.0240, -2.9698, 19.2730

Trichromacy



Original Color

64.7070, 24.7944, 27.4440

Protanomaly

56.6410, 34.6870, -18.9792

Deuteranomaly

62.3840, 24.4607, -5.5988

Tritanomaly

65.6790, 7.0603, 22.2065

Monochromacy



Original Color

64.7070, 24.7944, 27.4440

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.0580, 8.8454, 9.5961

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.7070, 24.7944, 27.4440 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(96, 39, 115)` looks like.

```
.text, #text, p{  
    color:rgb(96, 39, 115)  
}
```

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(96, 39, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 39, 115) }
```

Border

The CSS property to change the border of an element to YUV 64.7070, 24.7944, 27.4440 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(96, 39, 115) }
```


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

```
.border{ border-color:rgb(96, 39, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 39, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 39, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 39, 115);  
box-shadow:4px 4px 4px 4px rgb(96, 39,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 64.7070, 24.7944, 27.4440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 39, 115) }
```

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

```
.background{ background-color: rgb(96, 39,  
115) }
```

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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