

Converting Colors

YUV(62.7640, 31.6683, 15.9930)

Have a look what the booklet for
YUV(62.7640, 31.6683, 15.9930)
contains.

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Color

**YUV(62.7640, 31.6683,
15.9930)**

Conversions

Conversions Part 1

Format	Color
Hex	51297F
RGB	81, 41, 127
RGB Percent	32%, 16%, 50%
CMY	0.6824, 0.8392, 0.5020
CMYK	0.36, 0.68, 0.00, 0.50
HSL	268°, 51%, 33%
HSV	268°, 68%, 50%
XYZ	8.0170, 4.8675, 20.5957
YIQ	62.7640, -3.7660, 35.2260

Conversions

Conversions Part 2

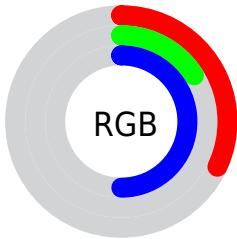
Format	Color
R_{YB}	81, 41, 127
Decimal	5319039
CIE Lab	26.35, 36.72, -41.78
CIE LCh	26, 55.624, 311.308
Yxy	4.8675, 0.2395, 0.1454
Android (android.graphics.Color)	4283509119 (0xFF51297F)
YUV	62.7640, 31.6683, 15.9930
Hunter-Lab	22.0624, 26.2540, -39.9045

Details

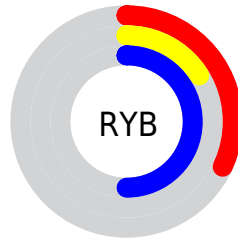
The YUV color **62.7640, 31.6683, 15.9930** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **105.2360, -31.6683, -15.9930**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.8290, 33.1153, 18.5670**, and **17.4490, 29.3586, 10.1302** is the 20% darker color. If you saturate the color by 10%, you get **53.0400, 36.4623, 18.3819**, and if you desaturate by 10%, it is **72.4880, 26.8744, 13.6040**.

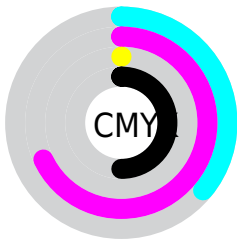
Distribution



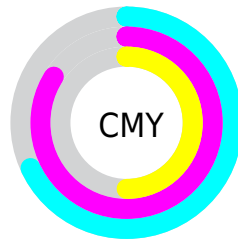
- Red (32%)
- Green (16%)
- Blue (50%)



- Red (32%)
- Yellow (16%)
- Blue (50%)



- Cyan (36%)
- Magenta (68%)
- Yellow (0%)
- Black (50%)



- Cyan (68%)
- Magenta (84%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.7640, 31.6683, 15.9930 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 62.7640, 31.6683, 15.9930 by changing the saturation by 10% instead.

■ 62.7640, 31.6683,
15.9930

■ 62.7640, 31.6683,
15.9930

■ 255.0000, 0.0000,
0.0000

■ 38.0520, 31.5264,
14.8634

■ 112.8290, 33.1153,
18.5670

■ 17.4490, 29.3586,
10.1302

■ 138.7690, 34.1309,
19.4966

■ 6.1560, 23.5871,
-5.3988

■ 165.7090, 35.1465,
20.4262

■ 4.7080, 12.9620,
-4.1289

■ 192.2810, 30.9205,
22.5556

■ 0.2280, 0.8736,
-0.2000

■ 217.3880, 18.5427,
25.9697

■ 0.0000, 0.0000,
0.0000

■ 236.2160, 9.2605,

16.4736

253.2390, 0.8682,
1.5444

62.7640, 31.6683,
15.9930

62.7640, 31.6683,
15.9930

53.0400, 36.4623,
18.3819

72.4880, 26.8744,
13.6040

43.9030, 40.9668,
20.2561

81.6250, 22.3699,
11.7299

34.4780, 45.6133,
23.2598

91.0500, 17.7233,
8.7262

32.1190, 46.7763,
23.5746

100.7740, 12.9294,
6.3372

109.9110, 8.4249,
4.4631

■ 119.6350, 3.6309,
2.0741

■ 129.3590, -1.1630,
-0.3148

■ 138.7840, -5.8095,
-3.3186

■ 147.9210,
-10.3141, -5.1927

Harmonies

Analogous

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



53.7390, 45.9777, -47.1291



62.7640, 31.6683, 15.9930



46.8520, 21.7650, 65.9048

Triad

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



62.7640, 31.6683, 15.9930



58.6520, -28.9154, 34.5082



55.2650, 11.2084, -48.4674

Complementary

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



62.7640, 31.6683, 15.9930



105.2360, -31.6683, -15.9930

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.



49.5480, -8.1582, -43.4536



62.7640, 31.6683, 15.9930



57.5790, -28.3864, 4.7542

Square

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



62.7640, 31.6683, 15.9930



51.0330, -23.1873, 63.9921



43.7370, -21.5623, -37.4803



59.8250, 28.6803, -52.4665

Rectangle

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



62.7640, 31.6683, 15.9930



46.9490, 7.9131, 75.4667



43.7370, -21.5623, -37.4803



53.5550, 4.6564, -46.9677

Sweetspot

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



62.7640, 31.6683, 15.9930



141.2470, 12.2032, 5.9224



78.3930, 23.9633, -32.7937



68.9710, 7.4093, 3.5334



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



62.7640, 31.6683, 15.9930



65.2270, 49.6811, 25.2339



75.3220, 25.4773, 41.8136



58.6950, 2.6154, 1.1445



32.2330, 47.2131, 23.4747



0.0000, 0.0000, 0.0000

Inverse Universe

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



71.9580, 7.4157, 48.2718



79.5730, 11.5495, 75.7965



92.6780, -25.4773, -41.8136



59.5490, 0.7153, 3.9035



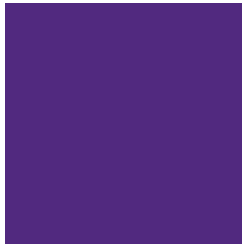
46.0240, 10.8342, 71.8930



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 62.7640, 31.6683, 15.9930 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



This preview shows how the YUV color 62.7640, 31.6683, 15.9930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

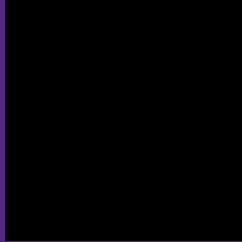
Any Text WCAG AA × Fail

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 62.7640, 31.6683, 15.9930 Background



This preview shows how black text looks on a background with the YUV color 62.7640, 31.6683, 15.9930.



This preview shows how white text looks on a background with the YUV color 62.7640, 31.6683,

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

62.7640, 31.6683, 15.9930

Protanopia

50.5130, 38.6941, -44.2999

Deuteranopia

50.3360, 30.4004, -44.1447



Tritanopia

63.5490, 0.7153, 3.9035

Trichromacy



Original Color

62.7640, 31.6683, 15.9930

Protanomaly

54.9610, 36.0082, -22.7678

Deuteranomaly

54.8810, 30.6247, -22.6976

Tritanomaly

63.5570, 12.0504, 8.2815

Monochromacy



Original Color

62.7640, 31.6683, 15.9930

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.0190, 11.3296, 6.1223

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.7640, 31.6683, 15.9930 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(81, 41, 127)` looks like.

```
.text, #text, p{  
    color:rgb(81, 41, 127)  
}
```

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(81, 41, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 41, 127) }
```

Border

The CSS property to change the border of an element to YUV 62.7640, 31.6683, 15.9930 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(81, 41, 127) }
```


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

```
.border{ border-color:rgb(81, 41, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 41, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 41, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 41, 127);  
box-shadow:4px 4px 4px 4px rgb(81, 41,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 62.7640, 31.6683, 15.9930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 41, 127) }
```

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

```
.background{ background-color: rgb(81, 41,  
127) }
```

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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