

Converting Colors

YUV(79.5230, 40.6612, 24.9743)

Have a look what the booklet for
YUV(79.5230, 40.6612, 24.9743)
contains.

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Color

**YUV(79.5230, 40.6612,
24.9743)**

Conversions

Conversions Part 1

Format	Color
Hex	6C31A2
RGB	108, 49, 162
RGB Percent	42%, 19%, 64%
CMY	0.5765, 0.8078, 0.3647
CMYK	0.33, 0.70, 0.00, 0.36
HSL	271°, 54%, 41%
HSV	271°, 70%, 64%
XYZ	13.8042, 7.9934, 34.9977
YIQ	79.5230, -1.1090, 47.6510

Conversions

Conversions Part 2

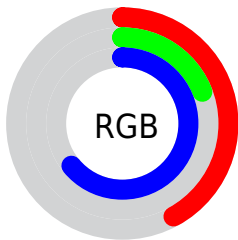
Format	Color
R_{YB}	108, 49, 162
Decimal	7090594
CIE _{Lab}	33.97, 47.44, -50.85
CIE _{LCh}	34, 69.540, 313.013
Y _{xy}	7.9934, 0.2431, 0.1407
Android (android.graphics.Color)	4285280674 (0xFF6C31A2)
YUV	79.5230, 40.6612, 24.9743
Hunter-Lab	28.2726, 37.6764, -53.6023

Details

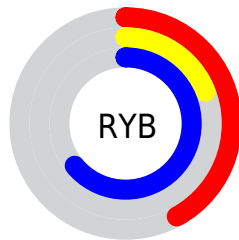
The YUV color **79.5230, 40.6612, 24.9743** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **131.4770, -40.6612, -24.9743**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.2890, 42.2555, 26.9335**, and **28.2730, 39.7984, 21.6856** is the 20% darker color. If you saturate the color by 10%, you get **67.7390, 46.4707, 28.2929**, and if you desaturate by 10%, it is **91.3070, 34.8516, 21.6558**.

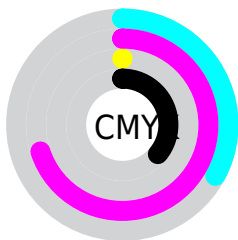
Distribution



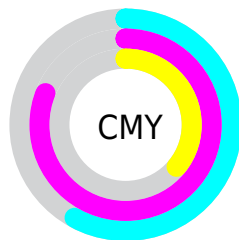
- Red (42%)
- Green (19%)
- Blue (64%)



- Red (42%)
- Yellow (19%)
- Blue (64%)



- Cyan (33%)
- Magenta (70%)
- Yellow (0%)
- Black (36%)



- Cyan (58%)
- Magenta (81%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.5230, 40.6612, 24.9743 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 79.5230, 40.6612, 24.9743 by changing the saturation by 10% instead.

79.5230, 40.6612,
24.9743

79.5230, 40.6612,
24.9743

255.0000, 0.0000,
0.0000

52.5230, 40.6612,
24.9743

132.2890, 42.2555,
26.9335

28.2730, 39.7984,
21.6856

159.4140, 42.6869,
28.5779

17.0510, 33.0059,
6.9713

184.9600, 34.5297,
31.6071

6.8400, 26.2079,
-5.9987

209.4800, 22.4414,
35.5360

5.3920, 15.5827,
-4.7288

227.4110, 13.6014,
24.1956

2.1830, 5.8258,
-1.9145

244.4340, 5.2090,

0.0000, 0.0000,

9.2664

0.0000

■ 79.5230, 40.6612,
24.9743

■ 79.5230, 40.6612,
24.9743

■ 67.7390, 46.4707,
28.2929

■ 91.3070, 34.8516,
21.6558

■ 56.2540, 52.1328,
32.2262

■ 102.7920, 29.1895,
17.7224

■ 43.8830, 58.2317,
36.0596

■ 115.1630, 23.0906,
13.8890

■ 126.9470, 17.2811,
10.5705

■ 138.7310, 11.4716,
7.2519

■ 150.2160, 5.8095,
3.3186

■ 162.0000, 0.0000,
0.0000

■ 174.3710, -6.0989,
-3.8334

■ 186.1550,
-11.9084, -7.1519

Harmonies

Analogous

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



68.6200, 59.8403, -60.1797



79.5230, 40.6612, 24.9743



60.5370, 26.3573, 86.3521

Triad

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



79.5230, 40.6612, 24.9743



74.9320, -36.9415, 42.1556



71.6160, 15.4723, -62.8072

Complementary

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



79.5230, 40.6612, 24.9743



131.4770, -40.6612, -24.9743

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.



63.8300, -9.2832, -55.9789



79.5230, 40.6612, 24.9743



72.9180, -35.9486, 3.5799

Square

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



79.5230, 40.6612, 24.9743



62.7920, -30.9565, 82.6204



55.7650, -27.4921, -48.9059



76.9570, 38.4752, -67.4913

Rectangle

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



79.5230, 40.6612, 24.9743



59.9070, 8.4268, 97.4286



55.7650, -27.4921, -48.9059



68.8630, 7.4625, -60.3929

Sweetspot

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



79.5230, 40.6612, 24.9743



179.0070, 16.2655, 9.6409



94.1670, 33.4417, -39.6115



87.2640, 9.7298, 5.9075



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



79.5230, 40.6612, 24.9743



82.0990, 64.0412, 39.3782



95.4410, 31.8276, 58.3722



75.5210, 3.1941, 2.1741



39.2540, 52.1328, 32.2262



4.7430, 6.5357, 3.7334

Inverse Universe

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



88.9430, 6.9301, 64.0710



96.9120, 10.8894, 100.9322



115.5590, -31.8276, -58.3722



76.1470, 0.4205, 5.1331



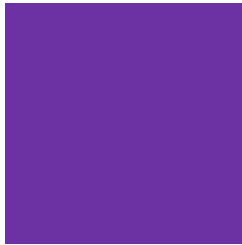
51.2210, 8.7650, 82.2442



6.4080, 1.2779, 10.1662

Previews

White Background



This preview shows how the YUV color 79.5230, 40.6612, 24.9743 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 79.5230, 40.6612, 24.9743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

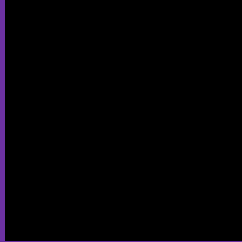
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.5230, 40.6612, 24.9743

Background



This preview shows how black text looks on a background with the YUV color 79.5230, 40.6612, 24.9743.



This preview shows how white text looks on a background with the YUV color 79.5230, 40.6612,

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

79.5230, 40.6612, 24.9743

Protanopia

64.4820, 49.0624, -56.5507

Deuteranopia

64.4360, 38.7321, -56.5104



Tritanopia

81.7670, 0.1149, 9.8513

Trichromacy



Original Color

79.5230, 40.6612, 24.9743

Protanomaly

69.5720, 46.0600, -26.8116

Deuteranomaly

69.8510, 39.5135, -27.0563

Tritanomaly

80.6980, 14.9389, 15.1739

Monochromacy



Original Color

79.5230, 40.6612, 24.9743

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.9530, 14.8132, 8.8112

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.5230, 40.6612, 24.9743 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(108, 49, 162)` looks like.

```
.text, #text, p{  
    color:rgb(108, 49, 162)  
}
```

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(108, 49, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 49, 162) }
```

Border

The CSS property to change the border of an element to YUV 79.5230, 40.6612, 24.9743 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(108, 49, 162) }
```


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

```
.border{ border-color:rgb(108, 49, 162) }
```

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

Here you see how a box with a 4 pixel rgb(108, 49, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 49, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 49, 162);  
box-shadow:4px 4px 4px 4px rgb(108, 49,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 79.5230, 40.6612, 24.9743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 49, 162) }
```

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

```
.background{ background-color: rgb(108, 49,  
162) }
```

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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