

Converting Colors

YUV(122.5050, 41.1630, 3.9421)

Have a look what the booklet for
YUV(122.5050, 41.1630, 3.9421)
contains.

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Color

**YUV(122.5050, 41.1630,
3.9421)**

Conversions

Conversions Part 1

Format	Color
Hex	7F68CE
RGB	127, 104, 206
RGB Percent	50%, 41%, 81%
CMY	0.5020, 0.5922, 0.1922
CMYK	0.38, 0.50, 0.00, 0.19
HSL	254°, 51%, 61%
HSV	254°, 50%, 81%
XYZ	24.8433, 18.8689, 60.7252
YIQ	122.5050, -19.0340, 36.5980

Conversions

Conversions Part 2

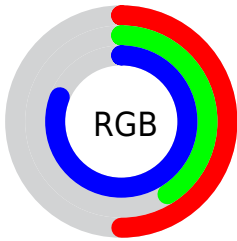
Format	Color
RYB	127, 104, 206
Decimal	8349902
CIELab	50.53, 32.91, -49.91
CIElCh	51, 59.785, 303.395
Yxy	18.8689, 0.2379, 0.1807
Android (android.graphics.Color)	4286539982 (0xFF7F68CE)
YUV	122.5050, 41.1630, 3.9421
Hunter-Lab	43.4383, 26.0708, -52.4784

Details

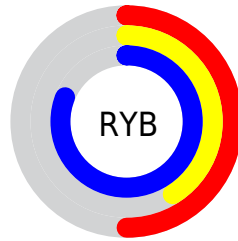
The YUV color **122.5050, 41.1630, 3.9421** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **187.4950, -41.1630, -3.9421**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.3590, 39.2630, 6.7012**, and **71.6140, 39.1373, 0.3385** is the 20% darker color. If you saturate the color by 10%, you get **105.3940, 49.5988, 4.9165**, and if you desaturate by 10%, it is **139.6160, 32.7273, 2.9678**.

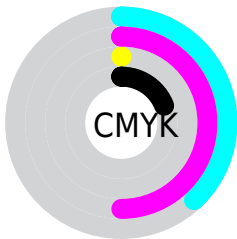
Distribution



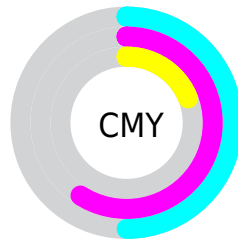
- Red (50%)
- Green (41%)
- Blue (81%)



- Red (50%)
- Yellow (41%)
- Blue (81%)



- Cyan (38%)
- Magenta (50%)
- Yellow (0%)
- Black (19%)



- Cyan (50%)
- Magenta (59%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.5050, 41.1630, 3.9421 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 122.5050, 41.1630, 3.9421 by changing the saturation by 10% instead.

122.5050, 41.1630,
3.9421

122.5050, 41.1630,
3.9421

255.0000, 0.0000,
0.0000

97.1520, 39.8581,
2.4977

175.3590, 39.2630,
6.7012

71.6140, 39.1373,
0.3385

199.8790, 27.1747,
10.6301

47.0650, 38.4220,
-3.5650

224.3990, 15.0863,
14.5591

19.8140, 39.0387,
-14.7459

245.6080, 4.6303,
8.2368

8.5500, 32.7599,
-7.4984

8.1620, 21.1191,
-7.1581

4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 122.5050, 41.1630,
3.9421

■ 122.5050, 41.1630,
3.9421

■ 105.3940, 49.5988,
4.9165

■ 139.6160, 32.7273,
2.9678

■ 88.8700, 57.7451,
5.3760

■ 156.1400, 24.5810,
2.5082

■ 71.7590, 66.1808,
6.3504

■ 173.2510, 16.1453,
1.5339

■ 55.2350, 74.3271,
6.8099

■ 189.7750, 7.9989,
1.0743

■ 38.1240, 82.7629,
7.7843

■ 206.8860, -0.4368,
0.1000

■ 37.2380, 83.1997,
7.6843

■ 223.9970, -8.8725,
-0.8744

■ 240.5210,
-17.0189, -1.3339

■ 249.4140,
-21.4031, 4.8989

Harmonies

Analogous

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



98.7970, 61.2321, -86.6450



122.5050, 41.1630, 3.9421



121.6120, 22.3763, 56.4683

Triad

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



122.5050, 41.1630, 3.9421



114.9140, -46.2996, 57.0804



98.7780, 12.9274, -86.6283

Complementary

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



122.5050, 41.1630, 3.9421



187.4950, -41.1630, -3.9421

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.



90.3880, -9.0653, -79.2703



122.5050, 41.1630, 3.9421



112.0010, -55.2165, 23.6781

Square

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



122.5050, 41.1630, 3.9421



114.7190, -23.5255, 79.1764



106.4780, -42.1407, -17.0822



103.8910, 35.0567, -91.1124

Rectangle

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



122.5050, 41.1630, 3.9421



116.4870, 8.6339, 77.6259



106.4780, -42.1407, -17.0822



96.1390, 5.3545, -84.3139

Sweetspot

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



122.5050, 41.1630, 3.9421



223.7240, 15.4191, 1.1191



162.5880, 21.4021, -51.3817



109.1170, 9.3093, 0.7744



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



122.5050, 41.1630, 3.9421



131.9670, 60.6553, 5.2909



137.4550, 33.7927, 34.6810



93.7380, 4.0732, 0.2298



29.9870, 67.0544, 6.1504



7.0230, 15.2717, 1.7338

Inverse Universe

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



143.5040, 19.4715, 54.8090



163.0740, 28.5575, 80.6191



172.5450, -33.7927, -34.6810



95.9020, 2.0203, 5.3479



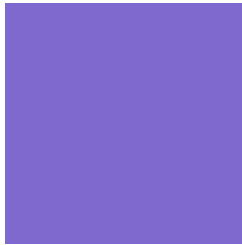
64.2260, 31.4406, 89.2558



14.7820, 7.5025, 20.3622

Previews

White Background



This preview shows how the YUV color 122.5050, 41.1630, 3.9421 looks on a white background.

Color Contrast Check

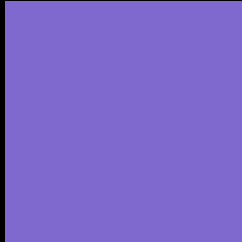
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 122.5050, 41.1630, 3.9421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

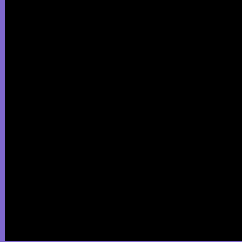
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.5050, 41.1630, 3.9421

Background



This preview shows how black text looks on a background with the YUV color 122.5050, 41.1630, 3.9421.



This preview shows how white text looks on a background with the YUV color 122.5050, 41.1630,

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

122.5050, 41.1630, 3.9421

Protanopia

114.5750, 51.4815, -39.0923

Deuteranopia

112.8920, 43.9302, -43.7553



Tritanopia

119.5520, 6.1369, -8.3771

Trichromacy



Original Color

122.5050, 41.1630, 3.9421

Protanomaly

117.3490, 47.6489, -23.1081

Deuteranomaly

116.3610, 42.7130, -26.6266

Tritanomaly

120.3150, 19.0717, -3.7843

Monochromacy



Original Color

122.5050, 41.1630, 3.9421

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.6100, 14.9823, 1.2190

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.5050, 41.1630, 3.9421 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(127, 104, 206)` looks like.

```
.text, #text, p{  
    color:rgb(127, 104, 206)  
}
```

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(127, 104, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 104, 206) }
```

Border

The CSS property to change the border of an element to YUV 122.5050, 41.1630, 3.9421 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(127, 104, 206) }
```


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

```
.border{ border-color:rgb(127, 104, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 104, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 104, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 104, 206);  
box-shadow:4px 4px 4px 4px rgb(127, 104,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 122.5050, 41.1630, 3.9421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 104, 206) }
```

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

```
.background{ background-color: rgb(127,  
104, 206) }
```

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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