

Converting Colors

YUV(122.6770, 26.7812,
-3.2247)

Have a look what the booklet for
YUV(122.6770, 26.7812, -3.2247)
contains.

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Color

**YUV(122.6770, 26.7812,
-3.2247)**

Conversions

Conversions Part 1

Format	Color
Hex	7772B1
RGB	119, 114, 177
RGB Percent	47%, 45%, 69%
CMY	0.5333, 0.5529, 0.3059
CMYK	0.33, 0.36, 0.00, 0.31
HSL	245°, 29%, 57%
HSV	245°, 36%, 69%
XYZ	21.5609, 19.1309, 44.1512
YIQ	122.6770, -17.2430, 20.6530

Conversions

Conversions Part 2

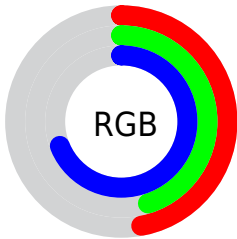
Format	Color
R_{YB}	119, 114, 177
Decimal	7828145
CIE _{Lab}	50.84, 16.84, -32.79
CIE _{LCh}	51, 36.861, 297.176
Yxy	19.1309, 0.2541, 0.2255
Android (android.graphics.Color)	4286018225 (0xFF7772B1)
YUV	122.6770, 26.7812, -3.2247
Hunter-Lab	43.7389, 11.4477, -29.2317

Details

The YUV color **122.6770, 26.7812, -3.2247** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **168.3230, -26.7812, 3.2247**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.7310, 28.2336, -2.3951**, and **73.2100, 25.0395, -4.5692** is the 20% darker color. If you saturate the color by 10%, you get **107.3270, 34.3488, -3.7948**, and if you desaturate by 10%, it is **138.0270, 19.2137, -2.6547**.

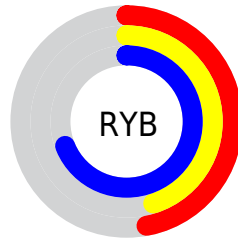
Distribution



Red (47%)

Green (45%)

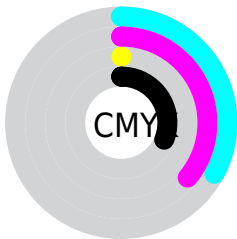
Blue (69%)



Red (47%)

Yellow (45%)

Blue (69%)

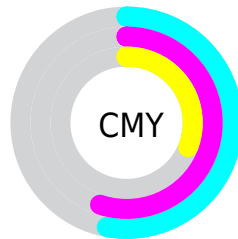


Cyan (33%)

Magenta (36%)

Yellow (0%)

Black (31%)



Cyan (53%)

Magenta (55%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.6770, 26.7812, -3.2247 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 122.6770, 26.7812, -3.2247 by changing the saturation by 10% instead.

■ 122.6770, 26.7812,
-3.2247

■ 122.6770, 26.7812,
-3.2247

■ 255.0000, 0.0000,
0.0000

■ 97.7370, 25.7657,
-4.1543

■ 175.7310, 28.2336,
-2.3951

■ 73.2100, 25.0395,
-4.5692

■ 202.4600, 25.9022,
-1.2804

■ 49.6720, 24.3187,
-6.7283

■ 227.2680, 13.6719,
1.5190

■ 27.1230, 23.6034,
-10.6319

■ 251.4780, 1.7363,
3.0888

■ 5.9280, 22.7135,
-5.1989

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,

0.0000

■ 122.6770, 26.7812,
-3.2247

■ 122.6770, 26.7812,
-3.2247

■ 107.3270, 34.3488,
-3.7948

■ 138.0270, 19.2137,
-2.6547

■ 92.2650, 41.7744,
-5.4944

■ 153.0890, 11.7881,
-0.9551

■ 76.9150, 49.3419,
-6.0645

■ 168.4390, 4.2206,
-0.3850

■ 61.5650, 56.9095,
-6.6345

■ 183.7890, -3.3470,
0.1850

■ 46.8020, 64.1876,
-7.7194

■ 199.1390,
-10.9145, 0.7551

■ 31.1530, 71.9026,
-8.9042

■ 214.2010,
-18.3401, 2.4547

■ 24.3640, 75.2495,
-9.0892

■ 229.5510,
-25.9076, 3.0248

■ 244.3140,
-33.1858, 4.1096

■ 246.1080,
-34.0702, 7.7983

Harmonies

Analogous

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



112.2910, 35.3525, -45.8592



122.6770, 26.7812, -3.2247



124.6010, 15.4797, 28.4139

Triad

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



122.6770, 26.7812, -3.2247



120.6080, -25.4427, 40.6858



93.7570, 11.4588, -82.2249

Complementary

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



122.6770, 26.7812, -3.2247



168.3230, -26.7812, 3.2247

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.



110.2890, -11.9745, -32.7025



122.6770, 26.7812, -3.2247



118.5210, -30.3299, 21.4681

Square

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



122.6770, 26.7812, -3.2247



121.4750, -13.5452, 51.3264



115.5070, -25.8860, -3.9526



97.4050, 25.4363, -85.4242

Rectangle

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



122.6770, 26.7812, -3.2247



124.1700, 5.8322, 42.8239



115.5070, -25.8860, -3.9526



102.6800, 1.6368, -58.4784

Sweetspot

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



122.6770, 26.7812, -3.2247



207.5620, 11.0619, -1.3699



155.8150, 10.4442, -36.6718



102.0090, 6.4046, -0.8849



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



122.6770, 26.7812, -3.2247



144.6780, 42.0637, -4.9796



131.9460, 22.2116, 15.8334



81.3250, 3.7838, -0.2850



21.0300, 65.0612, -7.9193



3.5620, 11.0619, -1.3699

Inverse Universe

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



139.4490, 16.0476, 32.9322



170.9750, 25.1553, 51.7649



159.0540, -22.2116, -15.8334



83.7170, 2.6045, 4.6332



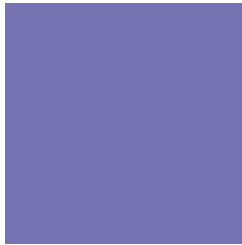
61.8210, 39.0352, 79.9640



10.3960, 6.2138, 13.6847

Previews

White Background



This preview shows how the YUV color 122.6770, 26.7812, -3.2247 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 122.6770, 26.7812, -3.2247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

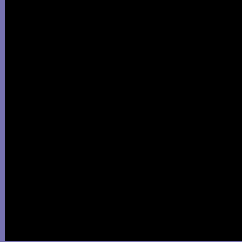
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.6770, 26.7812, -3.2247

Background



This preview shows how black text looks on a background with the YUV color 122.6770, 26.7812, -3.2247.



This preview shows how white text looks on a background with the YUV color 122.6770, 26.7812, -3.2247.

-3.2247.

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

122.6770, 26.7812, -3.2247

Protanopia

120.3870, 29.8822, -17.8794

Deuteranopia

120.1050, 27.5562, -18.5091



Tritanopia

120.2530, 6.2843, -8.9919

Trichromacy



Original Color

122.6770, 26.7812, -3.2247

Protanomaly

121.1920, 28.9923, -12.4464

Deuteranomaly

121.0240, 27.1032, -13.1760

Tritanomaly

121.2130, 13.6990, -7.2028

Monochromacy



Original Color

122.6770, 26.7812, -3.2247

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.2200, 9.7515, -1.0699

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.6770, 26.7812, -3.2247 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(119, 114, 177)` looks like.

```
.text, #text, p{  
    color:rgb(119, 114, 177)  
}
```

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(119, 114, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 114, 177) }
```

Border

The CSS property to change the border of an element to YUV 122.6770, 26.7812, -3.2247 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(119, 114, 177) }
```


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

```
.border{ border-color:rgb(119, 114, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 114, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 114, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 114, 177); box-shadow:4px 4px 4px 4px rgb(119, 114, 177) }
```

Background

The CSS property to change the background color of an element to YUV 122.6770, 26.7812, -3.2247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 114, 177) }
```

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

```
.background{ background-color: rgb(119,  
114, 177) }
```

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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