

Converting Colors

YUV(123.0670, 32.0120,
-0.9358)

Have a look what the booklet for
YUV(123.0670, 32.0120, -0.9358)
contains.

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Color

**YUV(123.0670, 32.0120,
-0.9358)**

Conversions

Conversions Part 1

Format	Color
Hex	7A6FBC
RGB	122, 111, 188
RGB Percent	48%, 44%, 74%
CMY	0.5216, 0.5647, 0.2627
CMYK	0.35, 0.41, 0.00, 0.26
HSL	249°, 36%, 59%
HSV	249°, 41%, 74%
XYZ	22.7876, 19.1373, 50.0698
YIQ	123.0670, -18.1610, 26.2790

Conversions

Conversions Part 2

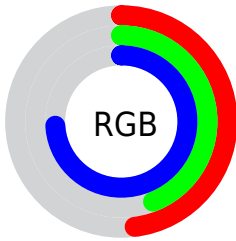
Format	Color
R_{YB}	122, 111, 188
Decimal	8023996
CIE _{Lab}	50.85, 22.48, -39.12
CIE _{LCh}	51, 45.117, 299.885
Yxy	19.1373, 0.2477, 0.2080
Android (android.graphics.Color)	4286214076 (0xFF7A6FBC)
YUV	123.0670, 32.0120, -0.9358
Hunter-Lab	43.7462, 16.4256, -37.2381

Details

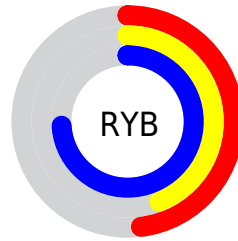
The YUV color $123.0670, 32.0120, -0.9358$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $175.9330, -32.0120, 0.9358$, and the grayscale version is $123.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $176.5340, 33.7537, 0.4087$, and $72.8880, 30.1282, -3.4098$ is the 20% darker color. If you saturate the color by 10%, you get $107.1300, 39.8689, -0.9910$, and if you desaturate by 10%, it is $139.0040, 24.1550, -0.8805$.

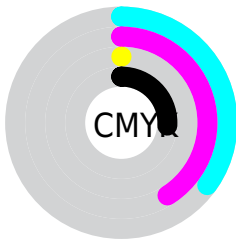
Distribution



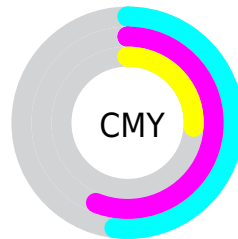
- Red (48%)
- Green (44%)
- Blue (74%)



- Red (48%)
- Yellow (44%)
- Blue (74%)



- Cyan (35%)
- Magenta (41%)
- Yellow (0%)
- Black (26%)



- Cyan (52%)
- Magenta (56%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.0670, 32.0120, -0.9358 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 123.0670, 32.0120, -0.9358 by changing the saturation by 10% instead.

■ 123.0670, 32.0120,
-0.9358

■ 123.0670, 32.0120,
-0.9358

■ 255.0000, 0.0000,
0.0000

■ 98.1270, 30.9964,
-1.8654

■ 176.5340, 33.7537,
0.4087

■ 72.8880, 30.1282,
-3.4098

■ 201.8950, 26.1808,
2.7231

■ 49.3500, 29.4074,
-5.5690

■ 227.0020, 13.8030,
6.1372

■ 25.4910, 28.8449,
-11.8316

■ 249.7170, 2.6045,
4.6332

■ 6.8400, 26.2079,
-5.9987

■ 5.5060, 16.0195,
-4.8288

■ 2.1830, 5.8258,

-1.9145

■ 0.0000, 0.0000,
0.0000

■ 123.0670, 32.0120,
-0.9358

■ 123.0670, 32.0120,
-0.9358

■ 107.1300, 39.8689,
-0.9910

■ 139.0040, 24.1550,
-0.8805

■ 91.1930, 47.7259,
-1.0463

■ 154.9410, 16.2981,
-0.8253

■ 75.8430, 55.2934,
-1.6163

■ 170.2910, 8.7305,
-0.2552

■ 59.9060, 63.1503,
-1.6716

■ 186.2280, 0.8736,
-0.2000

■ 43.6700, 71.1547,
-2.3416

■ 202.4640, -7.1308,
0.4701

■ 29.5050, 78.1380,
-2.1969

■ 218.4010,
-14.9877, 0.5253

■ 234.3380,
-22.8446, 0.5806

■ 246.1660,
-28.6758, 4.2394

■ 247.3620,
-29.2655, 6.6985

Harmonies

Analogous

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



105.5150, 45.5951, -64.4727



123.0670, 32.0120, -0.9358



124.8240, 17.3418, 37.8654

Triad

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



123.0670, 32.0120, -0.9358



119.5180, -32.3004, 46.9037



95.8600, 11.9010, -84.0692

Complementary

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



123.0670, 32.0120, -0.9358



175.9330, -32.0120, 0.9358

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.



104.9020, -11.7837, -47.2721



123.0670, 32.0120, -0.9358



116.7570, -38.3342, 22.1381

Square

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



123.0670, 32.0120, -0.9358



119.9170, -17.2141, 61.4628



113.1060, -31.1113, -7.9860



99.6050, 28.7887, -87.3536

Rectangle

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



123.0670, 32.0120, -0.9358



122.4750, 6.6678, 54.8344



113.1060, -31.1113, -7.9860



93.6770, 6.0752, -82.1547

Sweetspot

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



123.0670, 32.0120, -0.9358



219.9150, 12.3669, 0.0745



159.1070, 14.2442, -42.1898



107.8350, 6.9833, 0.1447



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



123.0670, 32.0120, -0.9358



143.7630, 49.9098, -1.5462



134.4290, 26.4105, 22.4258



86.3250, 3.7838, -0.2850



24.8890, 65.6237, -1.6567



4.7300, 12.9511, -0.6402

Inverse Universe

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



141.5470, 17.4783, 40.7393



172.6220, 27.3014, 63.4755



164.5710, -26.4105, -22.4258



88.6030, 2.1677, 4.7332



62.7460, 36.1142, 83.5378



12.2330, 6.7871, 16.4587

Previews

White Background



This preview shows how the YUV color 123.0670, 32.0120, -0.9358 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 123.0670, 32.0120, -0.9358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

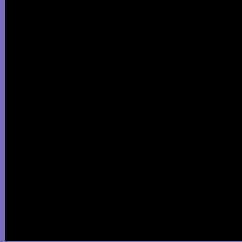
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.0670, 32.0120, -0.9358

Background



This preview shows how black text looks on a background with the YUV color 123.0670, 32.0120, -0.9358.



This preview shows how white text looks on a background with the YUV color 123.0670, 32.0120, -0.9358.

-0.9358.

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

123.0670, 32.0120, -0.9358

Protanopia

119.5910, 37.1766, -24.1973

Deuteranopia

118.8420, 33.1089, -26.1714



Tritanopia

120.2530, 6.2843, -8.9919

Trichromacy



Original Color

123.0670, 32.0120, -0.9358

Protanomaly

120.7770, 35.1129, -15.5904

Deuteranomaly

120.1960, 32.9344, -16.8349

Tritanomaly

121.3810, 15.5882, -6.4731

Monochromacy



Original Color

123.0670, 32.0120, -0.9358

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.3880, 11.6407, -0.3403

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.0670, 32.0120, -0.9358 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(122, 111, 188)` looks like.

```
.text, #text, p{  
    color:rgb(122, 111, 188)  
}
```

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(122, 111, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 111, 188) }
```

Border

The CSS property to change the border of an element to YUV 123.0670, 32.0120, -0.9358 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(122, 111, 188) }
```


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

```
.border{ border-color:rgb(122, 111, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 111, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 111, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 111, 188);  
box-shadow:4px 4px 4px 4px rgb(122, 111,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 123.0670, 32.0120, -0.9358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 111, 188) }
```

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

```
.background{ background-color: rgb(122,  
111, 188) }
```

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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