

Converting Colors

YUV(121.7470, 30.6907, 2.8529)

Have a look what the booklet for
YUV(121.7470, 30.6907, 2.8529)
contains.

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Color

**YUV(121.7470, 30.6907,
2.8529)**

Conversions

Conversions Part 1

Format	Color
Hex	7D6CB8
RGB	125, 108, 184
RGB Percent	49%, 42%, 72%
CMY	0.5098, 0.5765, 0.2784
CMYK	0.32, 0.41, 0.00, 0.28
HSL	253°, 35%, 57%
HSV	253°, 41%, 72%
XYZ	22.4717, 18.5458, 47.7427
YIQ	121.7470, -14.2640, 27.2400

Conversions

Conversions Part 2

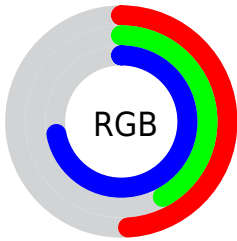
Format	Color
R _Y B	125, 108, 184
Decimal	8219832
CIE Lab	50.15, 24.04, -37.89
CIE LCh	50, 44.870, 302.393
Yxy	18.5458, 0.2532, 0.2089
Android (android.graphics.Color)	4286409912 (0xFF7D6CB8)
YUV	121.7470, 30.6907, 2.8529
Hunter-Lab	43.0648, 17.7800, -35.5850

Details

The YUV color $121.7470, 30.6907, 2.8529$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $170.2530, -30.6907, -2.8529$, and the grayscale version is $121.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $175.1000, 31.9957, 4.2973$, and $71.8670, 28.6596, 0.9936$ is the 20% darker color. If you saturate the color by 10%, you get $106.9950, 37.9635, 3.5124$, and if you desaturate by 10%, it is $136.4990, 23.4180, 2.1934$.

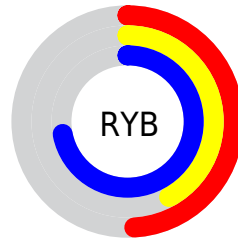
Distribution



Red (49%)

Green (42%)

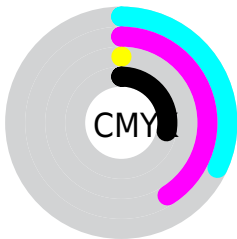
Blue (72%)



Red (49%)

Yellow (42%)

Blue (72%)

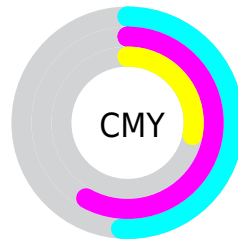


Cyan (32%)

Magenta (41%)

Yellow (0%)

Black (28%)



Cyan (51%)

Magenta (58%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.7470, 30.6907, 2.8529 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 121.7470, 30.6907, 2.8529 by changing the saturation by 10% instead.

■ 121.7470, 30.6907,
2.8529

■ 121.7470, 30.6907,
2.8529

■ 255.0000, 0.0000,
0.0000

■ 96.8070, 29.6751,
1.9233

■ 175.1000, 31.9957,
4.2973

■ 71.8670, 28.6596,
0.9936

■ 201.0310, 26.6067,
6.1118

■ 48.3290, 27.9388,
-1.1655

■ 225.2520, 14.6658,
9.4260

■ 25.3670, 26.9341,
-5.5839

■ 247.9560, 3.4727,
6.1776

■ 6.4980, 24.8975,
-5.6987

■ 5.1640, 14.7091,
-4.5288

■ 1.0260, 3.9312,

-0.8998

■ 0.0000, 0.0000,
0.0000

■ 121.7470, 30.6907,
2.8529

■ 121.7470, 30.6907,
2.8529

■ 106.9950, 37.9635,
3.5124

■ 136.4990, 23.4180,
2.1934

■ 91.3570, 45.6730,
4.0719

■ 152.1370, 15.7085,
1.6339

■ 76.6050, 52.9457,
4.7314

■ 166.8890, 8.4357,
0.9743

■ 61.2660, 60.5079,
5.9057

■ 182.2280, 0.8736,
-0.2000

■ 46.5140, 67.7806,
6.5652

■ 196.9800, -6.3991,
-0.8595

■ 33.2350, 74.3271,
6.8099

■ 212.0310,
-13.8193, -0.9042

■ 227.3700,
-21.3814, -2.0785

■ 242.1220,
-28.6541, -2.7380

■ 246.6070,
-30.8653, 6.4837

Harmonies

Analogous

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



107.7010, 43.5314, -55.8658



121.7470, 30.6907, 2.8529



122.4930, 16.0260, 39.9096

Triad

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



121.7470, 30.6907, 2.8529



117.0940, -32.5843, 44.6446



94.8000, 12.9166, -83.1396

Complementary

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



121.7470, 30.6907, 2.8529



170.2530, -30.6907, -2.8529

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.



101.4500, -9.5888, -51.2606



121.7470, 30.6907, 2.8529



114.8600, -37.8920, 20.2938

Square

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



121.7470, 30.6907, 2.8529



118.5640, -18.5191, 60.0184



111.1380, -29.6480, -10.6450



98.5450, 29.8043, -86.4240

Rectangle

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



121.7470, 30.6907, 2.8529



120.4320, 5.2100, 55.7491



111.1380, -29.6480, -10.6450



93.3180, 7.2382, -81.8399

Sweetspot

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



121.7470, 30.6907, 2.8529



216.1000, 11.7827, 0.7893



151.8840, 15.8332, -38.4863



106.1340, 6.8359, 0.7595



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



121.7470, 30.6907, 2.8529



141.7530, 48.4358, 4.6016



132.8100, 25.2367, 25.5996



84.6240, 3.6364, 0.3298



28.2490, 62.9812, 5.9206



4.9860, 11.3459, 0.8893

Inverse Universe

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



137.4500, 14.5682, 40.8244



166.4820, 22.9334, 64.4753



159.1900, -25.2367, -25.5996



86.4890, 1.7309, 4.8331



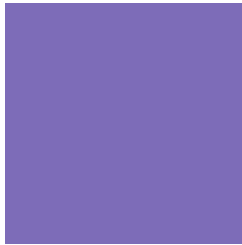
60.4380, 29.8571, 83.8079



10.8800, 5.4822, 15.0142

Previews

White Background



This preview shows how the YUV color 121.7470, 30.6907, 2.8529 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 121.7470, 30.6907, 2.8529 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 121.7470, 30.6907, 2.8529

Background



This preview shows how black text looks on a background with the YUV color 121.7470, 30.6907, 2.8529.



This preview shows how white text looks on a background with the YUV color 121.7470, 30.6907,

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

121.7470, 30.6907, 2.8529

Protanopia

117.4770, 36.7398, -24.0973

Deuteranopia

117.2120, 31.9405, -24.7419



Tritanopia

119.2320, 4.8156, -4.5885

Trichromacy



Original Color

121.7470, 30.6907, 2.8529

Protanomaly

119.2610, 34.3813, -14.2609

Deuteranomaly

118.8650, 31.6186, -14.7906

Tritanomaly

120.3600, 14.1195, -2.0697

Monochromacy



Original Color

121.7470, 30.6907, 2.8529

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.9860, 11.3459, 0.8893

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.7470, 30.6907, 2.8529 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(125, 108, 184)` looks like.

```
.text, #text, p{  
    color:rgb(125, 108, 184)  
}
```

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(125, 108, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 108, 184) }
```

Border

The CSS property to change the border of an element to YUV 121.7470, 30.6907, 2.8529 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(125, 108, 184) }
```


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

```
.border{ border-color:rgb(125, 108, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 108, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 108, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 108, 184);  
box-shadow:4px 4px 4px 4px rgb(125, 108,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 121.7470, 30.6907, 2.8529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 108, 184) }
```

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

```
.background{ background-color: rgb(125,  
108, 184) }
```

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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