

Converting Colors

YUV(125.2370, 44.2532,
-7.2238)

Have a look what the booklet for
YUV(125.2370, 44.2532, -7.2238)
contains.

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Color

**YUV(125.2370, 44.2532,
-7.2238)**

Conversions

Conversions Part 1

Format	Color
Hex	7570D7
RGB	117, 112, 215
RGB Percent	46%, 44%, 84%
CMY	0.5412, 0.5608, 0.1569
CMYK	0.46, 0.48, 0.00, 0.16
HSL	243°, 56%, 64%
HSV	243°, 48%, 84%
XYZ	25.3960, 20.2765, 66.8652
YIQ	125.2370, -30.0830, 33.0930

Conversions

Conversions Part 2

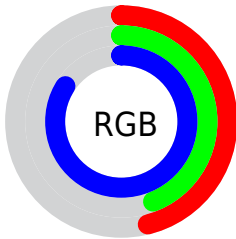
Format	Color
R_{YB}	117, 112, 215
Decimal	7696599
CIE _{Lab}	52.15, 28.30, -52.50
CIE _{LCh}	52, 59.642, 298.325
Yxy	20.2765, 0.2257, 0.1802
Android (android.graphics.Color)	4285886679 (0xFF7570D7)
YUV	125.2370, 44.2532, -7.2238
Hunter-Lab	45.0295, 21.8700, -56.5203

Details

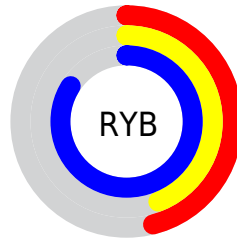
The YUV color **125.2370, 44.2532, -7.2238** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **201.7630, -44.2532, 7.2238**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.3640, 38.2745, -2.9502**, and **73.3350, 42.2328, -12.5718** is the 20% darker color. If you saturate the color by 10%, you get **106.9300, 53.2785, -8.7086**, and if you desaturate by 10%, it is **144.1310, 34.9384, -6.2539**.

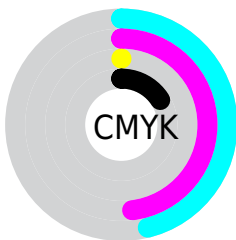
Distribution



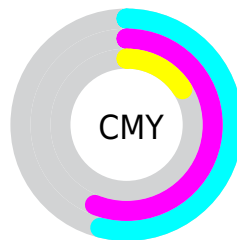
- Red (46%)
- Green (44%)
- Blue (84%)



- Red (46%)
- Yellow (44%)
- Blue (84%)



- Cyan (46%)
- Magenta (48%)
- Yellow (0%)
- Black (16%)



- Cyan (54%)
- Magenta (56%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.2370, 44.2532, -7.2238 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 125.2370, 44.2532, -7.2238 by changing the saturation by 10% instead.

■ 125.2370, 44.2532,
-7.2238

■ 125.2370, 44.2532,
-7.2238

■ 255.0000, 0.0000,
0.0000

■ 99.5850, 43.0956,
-9.2830

■ 177.3640, 38.2745,
-2.9502

■ 73.3350, 42.2328,
-12.5718

■ 201.8840, 26.1862,
0.9787

■ 47.2910, 42.2545,
-19.5492

■ 226.9910, 13.8084,
4.3929

■ 25.1120, 40.3708,
-22.0232

■ 250.3040, 2.3151,
4.1184

■ 9.3480, 35.8174,
-8.1982

■ 9.5470, 23.8873,
-8.3727

■ 5.2780, 15.1459,

-4.6288

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 125.2370, 44.2532,
-7.2238

■ 125.2370, 44.2532,
-7.2238

■ 106.9300, 53.2785,
-8.7086

■ 144.1310, 34.9384,
-6.2539

■ 87.7370, 62.7407,
-10.2933

■ 162.7370, 25.7657,
-4.1543

■ 69.4300, 71.7660,
-11.7781

■ 181.6310, 16.4509,
-3.1844

■ 50.2370, 81.2282,
-13.3628

■ 200.2370, 7.2782,
-1.0848

■ 31.9300, 90.2535,
-14.8476

■ 219.1310, -2.0366,
-0.1149

■ 27.5000, 92.4375,
-15.3475

■ 237.7370,
-11.2093, 1.9847

■ 250.4400,
-17.4719, 3.9991

Harmonies

Analogous

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



102.7750, 61.2429, -90.1337



125.2370, 44.2532, -7.2238



126.7790, 25.7450, 49.3058

Triad

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



125.2370, 44.2532, -7.2238



119.9730, -42.3847, 61.4137



100.5560, 9.5859, -88.1876

Complementary

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



125.2370, 44.2532, -7.2238



201.7630, -44.2532, 7.2238

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.



92.1660, -12.4068, -80.8296



125.2370, 44.2532, -7.2238



116.1760, -57.2748, 30.5406

Square

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



125.2370, 44.2532, -7.2238



119.0660, -19.7525, 82.3801



111.4960, -46.0935, -9.2050



106.4840, 32.2994, -93.3865

Rectangle

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



125.2370, 44.2532, -7.2238



122.3770, 12.1391, 73.3374



111.4960, -46.0935, -9.2050



97.9170, 2.0129, -85.8732

Sweetspot

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



125.2370, 44.2532, -7.2238



223.7020, 15.4299, -2.3697



182.4420, 16.0511, -61.7776



108.8070, 9.4621, -1.5847



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.



125.2370, 44.2532, -7.2238



128.6230, 62.3039, -10.1934



140.1870, 36.8828, 23.5150



97.5530, 4.6574, -0.4850



21.8860, 73.5132, -12.1780



5.5000, 18.4875, -3.0695

Inverse Universe

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



153.9690, 27.6233, 53.5242



169.0870, 38.9041, 75.3457



186.8130, -36.8828, -23.5150



100.5430, 3.1833, 5.6628



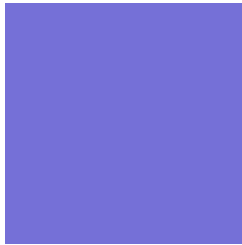
69.7110, 45.9915, 88.8305



17.5310, 11.5702, 22.3363

Previews

White Background



This preview shows how the YUV color 125.2370, 44.2532, -7.2238 looks on a white background.

Color Contrast Check

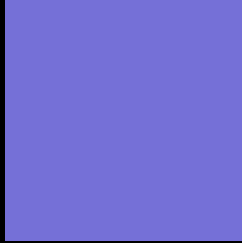
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.2370, 44.2532, -7.2238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

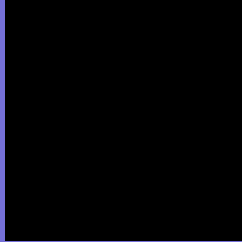
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 125.2370, 44.2532, -7.2238

Background



This preview shows how black text looks on a background with the YUV color 125.2370, 44.2532, -7.2238.



This preview shows how white text looks on a background with the YUV color 125.2370, 44.2532, -7.2238.

-7.2238.

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

125.2370, 44.2532, -7.2238

Protanopia

118.6890, 51.9183, -39.1923

Deuteranopia

115.1840, 47.7303, -49.2734



Tritanopia

121.2730, 9.2324, -21.2874

Trichromacy



Original Color

125.2370, 44.2532, -7.2238

Protanomaly

121.3700, 49.1176, -27.5115

Deuteranomaly

118.6420, 46.5185, -33.8890

Tritanomaly

122.3350, 22.0198, -16.0798

Monochromacy



Original Color

125.2370, 44.2532, -7.2238

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.9300, 16.3035, -2.5696

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.2370, 44.2532, -7.2238 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(117, 112, 215)` looks like.

```
.text, #text, p{  
    color:rgb(117, 112, 215)  
}
```

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(117, 112, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 112, 215) }
```

Border

The CSS property to change the border of an element to YUV 125.2370, 44.2532, -7.2238 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(117, 112, 215) }
```


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

```
.border{ border-color:rgb(117, 112, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 112, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 112, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 112, 215);  
box-shadow:4px 4px 4px 4px rgb(117, 112,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 125.2370, 44.2532, -7.2238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 112, 215) }
```

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

```
.background{ background-color: rgb(117,  
112, 215) }
```

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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