

Converting Colors

YUV(127.6670, 42.0692,
-6.7240)

Have a look what the booklet for
YUV(127.6670, 42.0692, -6.7240)
contains.

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Color

**YUV(127.6670, 42.0692,
-6.7240)**

Conversions

Conversions Part 1

Format	Color
Hex	7873D5
RGB	120, 115, 213
RGB Percent	47%, 45%, 84%
CMY	0.5294, 0.5490, 0.1647
CMYK	0.44, 0.46, 0.00, 0.16
HSL	243°, 54%, 64%
HSV	243°, 46%, 84%
XYZ	25.8867, 21.0586, 65.6511
YIQ	127.6670, -28.4780, 31.5380

Conversions

Conversions Part 2

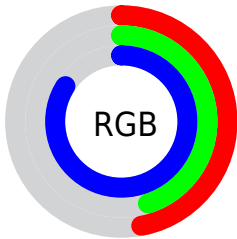
Format	Color
R_{YB}	120, 115, 213
Decimal	7893973
CIE _{Lab}	53.01, 26.63, -49.97
CIE _{LCh}	53, 56.626, 298.053
Yxy	21.0586, 0.2299, 0.1870
Android (android.graphics.Color)	4286084053 (0xFF7873D5)
YUV	127.6670, 42.0692, -6.7240
Hunter-Lab	45.8897, 20.3862, -52.6992

Details

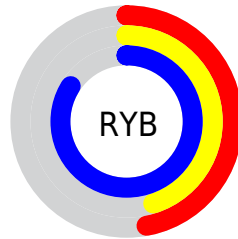
The YUV color **127.6670, 42.0692, -6.7240** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **200.3330, -42.0692, 6.7240**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.7230, 37.1116, -3.2651**, and **76.4770, 40.1908, -10.9423** is the 20% darker color. If you saturate the color by 10%, you get **109.3600, 51.0945, -8.2087**, and if you desaturate by 10%, it is **145.9740, 33.0438, -5.2392**.

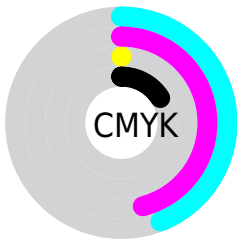
Distribution



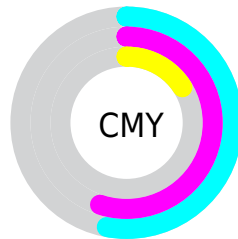
- Red (47%)
- Green (45%)
- Blue (84%)



- Red (47%)
- Yellow (45%)
- Blue (84%)



- Cyan (44%)
- Magenta (46%)
- Yellow (0%)
- Black (16%)



- Cyan (53%)
- Magenta (55%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.6670, 42.0692, -6.7240 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 127.6670, 42.0692, -6.7240 by changing the saturation by 10% instead.

■ 127.6670, 42.0692,
-6.7240

■ 127.6670, 42.0692,
-6.7240

■ 255.0000, 0.0000,
0.0000

■ 101.4280, 41.2010,
-8.2684

■ 179.7230, 37.1116,
-3.2651

■ 76.4770, 40.1908,
-10.9423

■ 204.2430, 25.0232,
0.6639

■ 50.9170, 39.4809,
-16.5902

■ 229.3500, 12.6455,
4.0781

■ 26.0580, 38.9184,
-22.8529

■ 252.6520, 1.1576,
2.0592

■ 9.2340, 35.3806,
-8.0982

■ 9.4330, 23.4505,
-8.2727

■ 5.0500, 14.2723,

-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,
0.0000

■ 127.6670, 42.0692,
-6.7240

■ 127.6670, 42.0692,
-6.7240

■ 109.3600, 51.0945,
-8.2087

■ 145.9740, 33.0438,
-5.2392

■ 90.4660, 60.4093,
-9.1787

■ 164.8680, 23.7291,
-4.2692

■ 71.8600, 69.5820,
-11.2782

■ 183.4740, 14.5563,
-2.1697

■ 53.5530, 78.6074,
-12.7630

■ 201.7810, 5.5310,
-0.6849

■ 35.2460, 87.6327,
-14.2477

■ 220.6750, -3.7838,
0.2850

■ 27.5710, 91.4165,
-14.5328

■ 238.9820,
-12.8091, 1.7698

■ 250.2120,
-18.3455, 4.1991

Harmonies

Analogous

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



103.6070, 59.3537, -90.8633



127.6670, 42.0692, -6.7240



129.4150, 24.4454, 46.1170

Triad

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



127.6670, 42.0692, -6.7240



122.6460, -39.7585, 59.0695



101.3710, 10.1701, -88.9024

Complementary

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



127.6670, 42.0692, -6.7240



200.3330, -42.0692, 6.7240

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.



101.3960, -14.4922, -65.2453



127.6670, 42.0692, -6.7240



119.5010, -53.4910, 30.2556

Square

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



127.6670, 42.0692, -6.7240



122.8590, -19.1575, 78.1767



115.5330, -42.1678, -8.3604



106.9570, 31.5732, -93.8013

Rectangle

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



127.6670, 42.0692, -6.7240



126.3010, 10.6976, 69.0190



115.5330, -42.1678, -8.3604



98.8460, 3.0339, -86.6879

Sweetspot

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



127.6670, 42.0692, -6.7240



223.7020, 15.4299, -2.3697



180.7630, 15.8928, -57.6742



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.



127.6670, 42.0692, -6.7240



133.0530, 60.1199, -9.6935



142.3180, 34.8462, 23.4001



97.5530, 4.6574, -0.4850



22.1850, 73.3658, -11.5632



5.5000, 18.4875, -3.0695

Inverse Universe

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



154.9040, 26.1763, 50.9502



172.0220, 37.4572, 72.7717



185.6820, -34.8462, -23.4001



100.5430, 3.1833, 5.6628



69.5970, 45.5547, 88.9304



17.5310, 11.5702, 22.3363

Previews

White Background



This preview shows how the YUV color 127.6670, 42.0692, -6.7240 looks on a white background.

Color Contrast Check

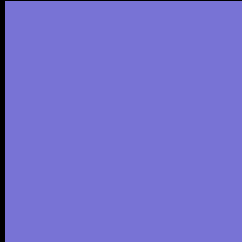
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.6670, 42.0692, -6.7240 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 127.6670, 42.0692, -6.7240

Background



This preview shows how black text looks on a background with the YUV color 127.6670, 42.0692, -6.7240.



This preview shows how white text looks on a background with the YUV color 127.6670, 42.0692, -6.7240.

-6.7240.

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

127.6670, 42.0692, -6.7240

Protanopia

121.9130, 48.8499, -35.0037

Deuteranopia

119.7180, 44.5090, -42.7257



Tritanopia

123.2840, 9.2270, -19.5431

Trichromacy



Original Color

127.6670, 42.0692, -6.7240

Protanomaly

123.9960, 46.3440, -24.5525

Deuteranomaly

122.8660, 43.4501, -29.7005

Tritanomaly

124.8190, 21.2882, -14.7503

Monochromacy



Original Color

127.6670, 42.0692, -6.7240

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.7020, 15.4299, -2.3697

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.6670, 42.0692, -6.7240 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(120, 115, 213)` looks like.

```
.text, #text, p{  
    color:rgb(120, 115, 213)  
}
```

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(120, 115, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 115, 213) }
```

Border

The CSS property to change the border of an element to YUV 127.6670, 42.0692, -6.7240 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(120, 115, 213) }
```


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

```
.border{ border-color:rgb(120, 115, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 115, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 115, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 115, 213);  
box-shadow:4px 4px 4px 4px rgb(120, 115,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 127.6670, 42.0692, -6.7240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 115, 213) }
```

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

```
.background{ background-color: rgb(120,  
115, 213) }
```

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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