

Converting Colors

YUV(111.5500, 52.9729,
-3.9903)

Have a look what the booklet for
YUV(111.5500, 52.9729, -3.9903)
contains.

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Color

**YUV(111.5500, 52.9729,
-3.9903)**

Conversions

Conversions Part 1

Format	Color
Hex	6B5DDB
RGB	107, 93, 219
RGB Percent	42%, 36%, 86%
CMY	0.5804, 0.6353, 0.1412
CMYK	0.51, 0.58, 0.00, 0.14
HSL	247°, 64%, 61%
HSV	247°, 58%, 86%
XYZ	22.7639, 16.0690, 68.9197
YIQ	111.5500, -32.1020, 42.1540

Conversions

Conversions Part 2

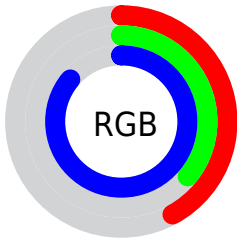
Format	Color
R_{YB}	107, 93, 219
Decimal	7036379
CIE _{Lab}	47.06, 38.68, -62.99
CIE _{LCh}	47, 73.915, 301.551
Yxy	16.0690, 0.2113, 0.1491
Android (android.graphics.Color)	4285226459 (0xFF6B5DDB)
YUV	111.5500, 52.9729, -3.9903
Hunter-Lab	40.0861, 31.2151, -73.8764

Details

The YUV color **111.5500, 52.9729, -3.9903** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted purple. A complement of this color would be **200.4500, -52.9728, 3.9904**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.2320, 45.2416, 2.4275**, and **58.4410, 51.5476, -13.5418** is the 20% darker color. If you saturate the color by 10%, you get **92.9550, 62.1402, -4.3455**, and if you desaturate by 10%, it is **130.1450, 43.8055, -3.6352**.

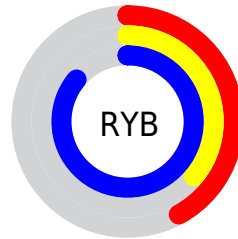
Distribution



Red (42%)

Green (36%)

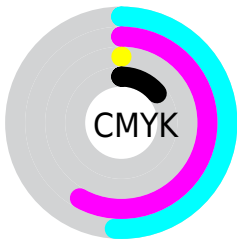
Blue (86%)



Red (42%)

Yellow (36%)

Blue (86%)

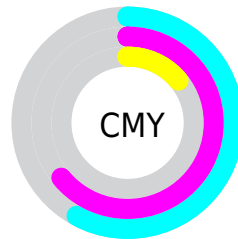


Cyan (51%)

Magenta (58%)

Yellow (0%)

Black (14%)



Cyan (58%)

Magenta (64%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.5500, 52.9729, -3.9903 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 111.5500, 52.9729, -3.9903 by changing the saturation by 10% instead.

■ 111.5500, 52.9729,
-3.9903

■ 111.5500, 52.9729,
-3.9903

255.0000, 0.0000,
0.0000

■ 85.3000, 52.1101,
-7.2791

■ 163.2320, 45.2416,
2.4275

■ 58.4410, 51.5476,
-13.5418

■ 187.7520, 33.1533,
6.3565

■ 29.5920, 52.4591,
-25.9522

■ 212.5710, 20.9175,
10.9002

■ 15.4750, 46.6008,
-13.5716

■ 237.9770, 8.3923,
14.9292

■ 9.6900, 37.1278,
-8.4981

■ 10.3620, 24.4715,
-9.0875

■ 5.5060, 16.0195,

-4.8288

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 111.5500, 52.9729,
-3.9903

■ 111.5500, 52.9729,
-3.9903

■ 92.9550, 62.1402,
-4.3455

■ 130.1450, 43.8055,
-3.6352

■ 74.0610, 71.4549,
-5.3155

■ 149.0390, 34.4908,
-2.6652

■ 55.4660, 80.6223,
-5.6707

■ 167.6340, 25.3234,
-2.3100

■ 36.5720, 89.9370,
-6.6406

■ 186.5280, 16.0087,
-1.3401

■ 32.1420, 92.1210,
-7.1405

■ 205.1230, 6.8414,
-0.9849

■ 223.4300, -2.1840,
0.4999

■ 242.0250,
-11.3513, 0.8551

■ 250.8960,
-15.7247, 3.5992

Harmonies

Analogous

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



96.9850, 69.5204, -85.0558



111.5500, 52.9729, -3.9903



106.9200, 32.0844, 69.3532

Triad

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



111.5500, 52.9729, -3.9903



103.4270, -50.9895, 68.0315



93.3010, 9.7116, -81.8250

Complementary

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



111.5500, 52.9729, -3.9903



200.4500, -52.9728, 3.9904

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.



84.0160, -18.2489, -73.6820



111.5500, 52.9729, -3.9903



104.3370, -51.4381, 25.1375

Square

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



111.5500, 52.9729, -3.9903



95.9050, -22.1382, 100.9383



94.5930, -46.6343, -22.4451



101.0700, 36.9405, -88.6384

Rectangle

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



111.5500, 52.9729, -3.9903



91.6380, 19.8985, 104.6805



94.5930, -46.6343, -22.4451



90.7930, 0.1021, -79.6255

Sweetspot

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



111.5500, 52.9729, -3.9903



218.0980, 18.1927, -1.8399



173.6950, 22.3354, -70.7695



105.8610, 10.9145, -0.7551



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.



111.5500, 52.9729, -3.9903



105.0440, 73.9283, -5.3006



130.0880, 43.8336, 34.1258



100.5530, 4.6574, -0.4850



25.4030, 72.7653, -5.6154



6.7390, 19.3557, -1.5251

Inverse Universe

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



143.4420, 30.3481, 66.2644



149.4080, 42.1969, 92.6042



181.9120, -43.8336, -34.1258



103.3150, 2.3097, 5.8627



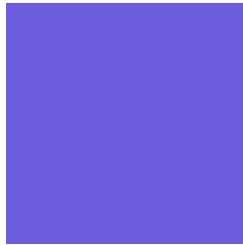
69.2830, 41.7655, 90.9598



18.4280, 11.1280, 24.1806

Previews

White Background



This preview shows how the YUV color 111.5500, 52.9729, -3.9903 looks on a white background.

Color Contrast Check

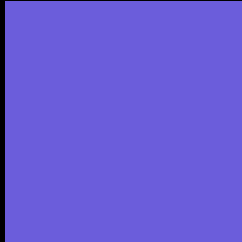
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 111.5500, 52.9729, -3.9903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

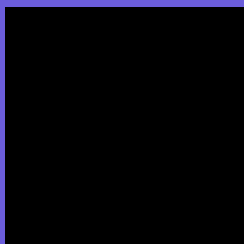
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.5500, 52.9729, -3.9903

Background



This preview shows how black text looks on a background with the YUV color 111.5500, 52.9729, -3.9903.



This preview shows how white text looks on a background with the YUV color 111.5500, 52.9729, -3.9903.

-3.9903.

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

111.5500, 52.9729, -3.9903

Protanopia

88.8010, 68.6251, -77.8785

Deuteranopia

89.6040, 53.9322, -78.5827



Tritanopia

107.0660, 9.8275, -25.4909

Trichromacy



Original Color

111.5500, 52.9729, -3.9903

Protanomaly

97.1850, 63.0128, -51.0282

Deuteranomaly

97.3670, 53.5561, -51.1879

Tritanomaly

108.8340, 25.2248, -17.3944

Monochromacy



Original Color

111.5500, 52.9729, -3.9903

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.7390, 19.3557, -1.5251

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.5500, 52.9729, -3.9903 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(107, 93, 219)` looks like.

```
.text, #text, p{  
    color:rgb(107, 93, 219)  
}
```

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(107, 93, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 93, 219) }
```

Border

The CSS property to change the border of an element to YUV 111.5500, 52.9729, -3.9903 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(107, 93, 219) }
```


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

```
.border{ border-color:rgb(107, 93, 219) }
```

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

Here you see how a box with a 4 pixel rgb(107, 93, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 93, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 93, 219);  
box-shadow:4px 4px 4px 4px rgb(107, 93,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 111.5500, 52.9729, -3.9903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 93, 219) }
```

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

```
.background{ background-color: rgb(107, 93,  
219) }
```

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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