

Converting Colors

YUV(63.7110, 92.8265, 46.7345)

Have a look what the booklet for
YUV(63.7110, 92.8265, 46.7345)
contains.

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Color

**YUV(63.7110, 92.8265,
46.7345)**

Conversions

Conversions Part 1

Format	Color
Hex	7500FC
RGB	117, 0, 252
RGB Percent	46%, 0%, 99%
CMY	0.5412, 1.0000, 0.0118
CMYK	0.54, 1.00, 0.00, 0.01
HSL	268°, 100%, 49%
HSV	268°, 100%, 99%
XYZ	24.9068, 10.8102, 92.8693
YIQ	63.7110, -11.1600, 103.1760

Conversions

Conversions Part 2

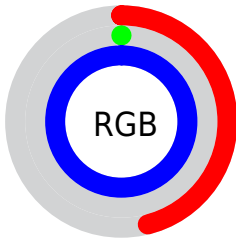
Format	Color
R_{YB}	117, 0, 252
Decimal	7667964
CIE _{Lab}	39.26, 81.78, -94.40
CIE _{LCh}	39, 124.892, 310.902
Yxy	10.8102, 0.1937, 0.0841
Android (android.graphics.Color)	4285858044 (0xFF7500FC)
YUV	63.7110, 92.8265, 46.7345
Hunter-Lab	32.8788, 77.6817, -144.4548

Details

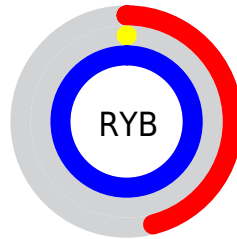
The YUV color **63.7110, 92.8265, 46.7345** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **188.2890, -92.8265, -46.7345**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.0350, 61.1147, 44.6963**, and **32.8800, 79.4322, 2.7362** is the 20% darker color. If you saturate the color by 10%, you get **63.7110, 92.8265, 46.7345**, and if you desaturate by 10%, it is **82.5720, 83.5280, 42.4714**.

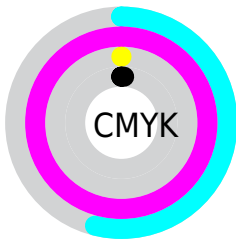
Distribution



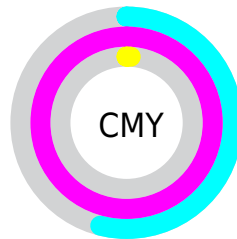
- Red (46%)
- Green (0%)
- Blue (99%)



- Red (46%)
- Yellow (0%)
- Blue (99%)



- Cyan (54%)
- Magenta (100%)
- Yellow (0%)
- Black (1%)





- Cyan (54%)
- Magenta (100%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.7110, 92.8265, 46.7345 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 63.7110, 92.8265, 46.7345 by changing the saturation by 10% instead.


 63.7110, 92.8265,
46.7345


 63.7110, 92.8265,
46.7345


255.0000, 0.0000,
0.0000


 49.9400, 85.3186,
28.1166


 131.0350, 61.1147,
44.6963


 32.8800, 79.4322,
2.7362


 157.6260, 48.0054,
49.4400


 18.8100, 72.0717,
-16.4964


 183.9180, 35.0434,
53.5689

 15.7320, 60.2781,
-13.7970

 203.3440, 25.4664,
45.3023

 12.6540, 48.4846,
-11.0976

 220.9540, 16.7847,
29.8583

 16.8480, 34.0919,
-14.7757

 237.9770, 8.3923,

 10.4760, 24.9083,

14.9292

-9.1875

■ 6.2070, 16.1669,
-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 63.7110, 92.8265,
46.7345

■ 82.5720, 83.5280,
42.4714

■ 101.1340, 74.3769,
37.5935

■ 120.5820, 64.7891,
32.8156

■ 139.1440, 55.6380,
27.9377

■ 158.0050, 46.3395,
23.6746

■ 176.5670, 37.1885,
18.7967

■ 195.4280, 27.8900,
14.5336

■ 214.5770, 18.4495,
9.1410

■ 233.4380, 9.1511,
4.8779

Harmonies

Analogous

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



88.3570, 82.1550, -77.4891



63.7110, 92.8265, 46.7345



86.6400, 37.1525, 123.9727

Triad

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



63.7110, 92.8265, 46.7345



83.0820, -40.9594, 70.9651



87.4940, 20.4625, -76.7322

Complementary

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



63.7110, 92.8265, 46.7345



188.2890, -92.8265, -46.7345

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.



71.7110, -32.3955, -62.8905



63.7110, 92.8265, 46.7345



82.9080, -40.8736, -3.4273

Square

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



63.7110, 92.8265, 46.7345



66.6770, -32.8718, 137.0953



68.0920, -33.5694, -59.7167



100.5410, 62.8373, -88.1745

Rectangle

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



63.7110, 92.8265, 46.7345



85.5800, 4.6441, 144.1963



68.0920, -33.5694, -59.7167



82.9170, 5.4639, -72.7182

Sweetspot

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



63.7110, 92.8265, 46.7345



198.1290, 28.0374, 13.9189



110.3210, 69.8477, -96.7515



93.5230, 16.9972, 8.3113



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.



63.7110, 92.8265, 46.7345



64.3520, 93.9895, 47.0493



100.1890, 74.8428, 121.7372



115.2760, 4.7939, 2.3889



47.8580, 69.5830, 35.2045



15.3260, 22.5173, 11.1151

Inverse Universe

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



90.7380, 21.8212, 141.4268



91.8630, 22.2525, 143.0711



151.8110, -74.8428, -121.7372



116.6850, 1.1413, 7.2923



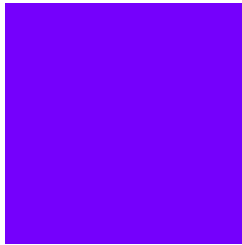
68.0250, 16.2567, 106.0951



22.0010, 5.4225, 34.2021

Previews

White Background



This preview shows how the YUV color 63.7110, 92.8265, 46.7345 looks on a white background.

Color Contrast Check

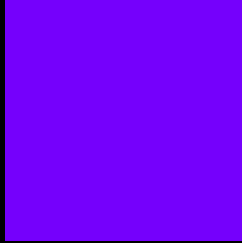
Large Text (above 18pt) WCAG AA ✓ Pass

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 63.7110, 92.8265, 46.7345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

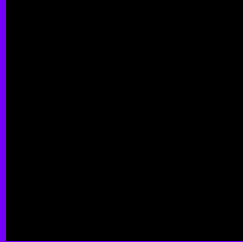
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.7110, 92.8265, 46.7345

Background



This preview shows how black text looks on a background with the YUV color 63.7110, 92.8265, 46.7345.



This preview shows how white text looks on a background with the YUV color 63.7110, 92.8265,

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



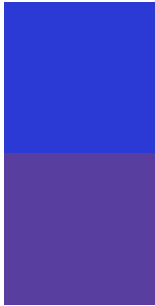
Protanopia

74.4900, 56.9464, -65.3277

Tritanopia

90.5400, 7.6218, -18.0136

Trichromacy



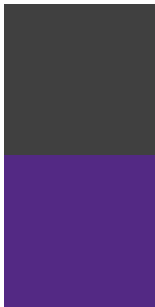
Protanomaly

70.5980, 70.2042, -24.2034

Tritanomaly

80.5330, 38.6842, 5.6716

Monochromacy



Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.9320, 33.5575, 16.7226

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.7110, 92.8265, 46.7345 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, 0, 252)` looks like.

```
.text, #text, p{  
  color:rgb(117, 0, 252)  
}
```

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, 0, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 0, 252) }
```

Border

The CSS property to change the border of an element to YUV 63.7110, 92.8265, 46.7345 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, 0, 252) }
```

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

```
.border{ border-color:rgb(117, 0, 252) }
```

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

Here you see how a box with a 4 pixel rgb(117, 0, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 0, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 0, 252);  
box-shadow:4px 4px 4px 4px rgb(117, 0,  
252) }
```


Background

The CSS property to change the background color of an element to YUV 63.7110, 92.8265, 46.7345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 0, 252) }
```

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

```
.background{ background-color: rgb(117, 0,  
252) }
```

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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