

Converting Colors

YUV(113.6730, 43.0522, 4.6718)

Have a look what the booklet for
YUV(113.6730, 43.0522, 4.6718)
contains.

YUV(113.6730, 43.0522, 4.6718)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(113.6730, 43.0522,
4.6718)**

Conversions

Conversions Part 1

Format	Color
Hex	775EC9
RGB	119, 94, 201
RGB Percent	47%, 37%, 79%
CMY	0.5333, 0.6314, 0.2118
CMYK	0.41, 0.53, 0.00, 0.21
HSL	254°, 50%, 58%
HSV	254°, 53%, 79%
XYZ	22.1531, 16.1444, 57.2069
YIQ	113.6730, -19.4470, 38.5770

Conversions

Conversions Part 2

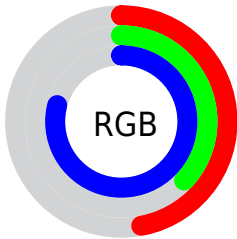
Format	Color
R_{YB}	119, 94, 201
Decimal	7823049
CIE _{Lab}	47.16, 35.45, -52.48
CIE _{LCh}	47, 63.332, 304.038
Yxy	16.1444, 0.2320, 0.1690
Android (android.graphics.Color)	4286013129 (0xFF775EC9)
YUV	113.6730, 43.0522, 4.6718
Hunter-Lab	40.1801, 28.0998, -56.2889

Details

The YUV color **113.6730, 43.0522, 4.6718** 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 **181.3270, -43.0522, -4.6718**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.5100, 43.6256, 7.4457**, and **63.0700, 40.8845, -0.0614** is the 20% darker color. If you saturate the color by 10%, you get **97.4480, 51.0511, 5.7461**, and if you desaturate by 10%, it is **129.8980, 35.0533, 3.5975**.

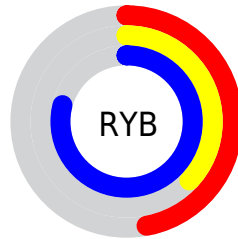
Distribution



Red (47%)

Green (37%)

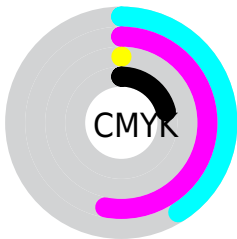
Blue (79%)



Red (47%)

Yellow (37%)

Blue (79%)

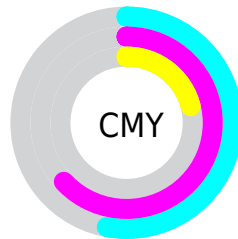


Cyan (41%)

Magenta (53%)

Yellow (0%)

Black (21%)



Cyan (53%)

Magenta (63%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.6730, 43.0522, 4.6718 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 113.6730, 43.0522, 4.6718 by changing the saturation by 10% instead.

■ 113.6730, 43.0522,
4.6718

■ 113.6730, 43.0522,
4.6718

255.0000, 0.0000,
0.0000

■ 88.0210, 41.8946,
2.6126

■ 166.5100, 43.6256,
7.4457

■ 63.0700, 40.8845,
-0.0614

■ 191.0300, 31.5372,
11.3747

■ 37.9230, 40.4640,
-5.1945

■ 215.5500, 19.4489,
15.3037

■ 13.0640, 39.9014,
-11.4571

■ 238.5640, 8.1029,
14.4144

■ 7.9800, 30.5759,
-6.9985

■ 7.7060, 19.3719,
-6.7582

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 113.6730, 43.0522,
4.6718

■ 113.6730, 43.0522,
4.6718

■ 97.4480, 51.0511,
5.7461

■ 129.8980, 35.0533,
3.5975

■ 80.9240, 59.1975,
6.2057

■ 146.4220, 26.9070,
3.1379

■ 64.6990, 67.1964,
7.2800

■ 162.6470, 18.9080,
2.0636

■ 48.1750, 75.3427,
7.7395

■ 179.1710, 10.7617,
1.6040

■ 36.9670, 80.8683,
8.7989

■ 195.9830, 2.4734,
0.0149

■ 212.2080, -5.5255,
-1.0594

■ 228.7320,
-13.6719, -1.5190

■ 244.9570,
-21.6708, -2.5933

■ 248.8440,
-23.5871, 5.3988

Harmonies

Analogous

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



93.0580, 62.0894, -81.6119



113.6730, 43.0522, 4.6718



110.6880, 23.8178, 60.7866

Triad

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



113.6730, 43.0522, 4.6718



104.5460, -51.5412, 58.2802



92.6970, 12.4744, -81.2953

Complementary

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



113.6730, 43.0522, 4.6718



181.3270, -43.0522, -4.6718

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.



84.5520, -11.1181, -74.1521



113.6730, 43.0522, 4.6718



104.3150, -51.4273, 21.6487

Square

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



113.6730, 43.0522, 4.6718



103.9260, -24.1205, 83.3799



95.2020, -46.9346, -19.4712



98.6250, 35.1879, -86.4941

Rectangle

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



113.6730, 43.0522, 4.6718



104.5740, 10.0700, 83.6886



95.2020, -46.9346, -19.4712



90.5310, 4.1752, -79.3957

Sweetspot

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



113.6730, 43.0522, 4.6718



221.6640, 16.4346, 2.0487



154.3320, 23.0073, -52.9112



107.6440, 10.0355, 1.1892



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.



113.6730, 43.0522, 4.6718



121.9440, 65.5966, 7.0651



129.5200, 35.2396, 37.2550



91.6240, 3.6364, 0.3298



29.9440, 65.5966, 7.0651



6.4960, 14.5455, 1.3190

Inverse Universe

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



135.3410, 20.0449, 57.5829



154.9870, 30.5724, 87.7114



165.4800, -35.2396, -37.2550



93.4890, 1.7309, 4.8331



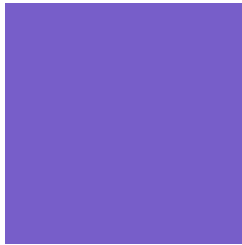
62.9870, 30.5724, 87.7114



13.8420, 6.4869, 19.4326

Previews

White Background



This preview shows how the YUV color 113.6730, 43.0522, 4.6718 looks on a white background.

Color Contrast Check

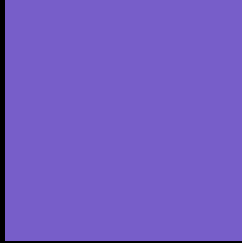
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.6730, 43.0522, 4.6718 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 113.6730, 43.0522, 4.6718

Background



This preview shows how black text looks on a background with the YUV color 113.6730, 43.0522, 4.6718.



This preview shows how white text looks on a background with the YUV color 113.6730, 43.0522, 4.6718.

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

113.6730, 43.0522, 4.6718

Protanopia

102.6710, 55.8712, -47.0695

Deuteranopia

100.1510, 47.7466, -54.5064



Tritanopia

110.8400, 5.9949, -9.5067

Trichromacy



Original Color

113.6730, 43.0522, 4.6718

Protanomaly

106.6410, 51.4490, -28.6262

Deuteranomaly

104.8270, 45.9343, -33.1743

Tritanomaly

112.0160, 19.2191, -4.3990

Monochromacy



Original Color

113.6730, 43.0522, 4.6718

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.1370, 15.7085, 1.6339

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.6730, 43.0522, 4.6718 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(119, 94, 201)` looks like.

```
.text, #text, p{  
    color:rgb(119, 94, 201)  
}
```

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(119, 94, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 94, 201) }
```

Border

The CSS property to change the border of an element to YUV 113.6730, 43.0522, 4.6718 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(119, 94, 201) }
```


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

```
.border{ border-color:rgb(119, 94, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 94, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 94, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 94, 201);  
box-shadow:4px 4px 4px 4px rgb(119, 94,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 113.6730, 43.0522, 4.6718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 94, 201) }
```

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

```
.background{ background-color: rgb(119, 94,  
201) }
```

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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