

Converting Colors

YUV(64.7410, 43.5117, 44.0771)

Have a look what the booklet for
YUV(64.7410, 43.5117, 44.0771)
contains.

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Color

**YUV(64.7410, 43.5117,
44.0771)**

Conversions

Conversions Part 1

Format	Color
Hex	731699
RGB	115, 22, 153
RGB Percent	45%, 9%, 60%
CMY	0.5490, 0.9137, 0.4000
CMYK	0.25, 0.86, 0.00, 0.40
HSL	283°, 75%, 34%
HSV	283°, 86%, 60%
XYZ	13.1069, 6.5186, 30.7044
YIQ	64.7410, 13.3770, 60.4570

Conversions

Conversions Part 2

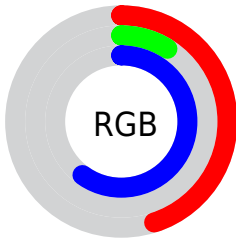
Format	Color
R_{YB}	115, 22, 153
Decimal	7542425
CIE _{Lab}	30.68, 57.09, -50.66
CIE _{LCh}	31, 76.329, 318.415
Yxy	6.5186, 0.2604, 0.1295
Android (android.graphics.Color)	4285732505 (0xFF731699)
YUV	64.7410, 43.5117, 44.0771
Hunter-Lab	25.5315, 46.9552, -53.4307

Details

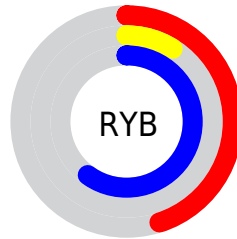
The YUV color **64.7410, 43.5117, 44.0771** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **110.2590, -43.5117, -44.0771**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.8010, 42.4961, 43.1475**, and **29.4540, 35.2722, 26.7888** is the 20% darker color. If you saturate the color by 10%, you get **54.7400, 48.4422, 49.3400**, and if you desaturate by 10%, it is **74.7420, 38.5812, 38.8143**.

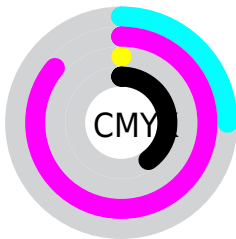
Distribution



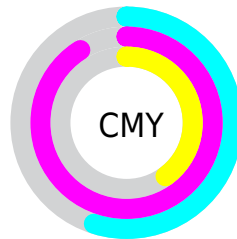
- Red (45%)
- Green (9%)
- Blue (60%)



- Red (45%)
- Yellow (9%)
- Blue (60%)



- Cyan (25%)
- Magenta (86%)
- Yellow (0%)
- Black (40%)



- Cyan (55%)
- Magenta (91%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.7410, 43.5117, 44.0771 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 64.7410, 43.5117, 44.0771 by changing the saturation by 10% instead.

64.7410, 43.5117,
44.0771

64.7410, 43.5117,
44.0771

255.0000, 0.0000,
0.0000

40.6760, 42.0647,
41.5031

121.8010, 42.4961,
43.1475

29.4540, 35.2722,
26.7888

149.6270, 43.0749,
44.1771

19.4280, 27.8900,
14.5336

176.1990, 38.8489,
46.3065

5.9280, 22.7135,
-5.1989

200.4090, 26.9134,
47.8763

4.5940, 12.5252,
-4.0289

216.8450, 18.8104,
33.4619

0.0000, 0.0000,
0.0000

233.8680, 10.4181,

18.5328

250.8910, 2.0257,
3.6036

64.7410, 43.5117,
44.0771

64.7410, 43.5117,
44.0771

54.7400, 48.4422,
49.3400

74.7420, 38.5812,
38.8143

50.0330, 50.7627,
51.7141

85.6290, 33.2139,
33.6514

95.6300, 28.2834,
28.3885

105.9300, 23.2055,
23.7404

116.5180, 17.9856,
17.9627

■ 126.8180, 12.9077,
13.3146

■ 136.8190, 7.9772,
8.0517

■ 147.1190, 2.8993,
3.4036

■ 157.7070, -2.3206,
-2.3740

Harmonies

Analogous

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



61.4620, 62.8762, -53.9022



64.7410, 43.5117, 44.0771



59.3110, 19.0737, 89.1813

Triad

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



64.7410, 43.5117, 44.0771



68.6860, -33.8622, 34.4784



67.6040, 20.4082, -59.2887

Complementary

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



64.7410, 43.5117, 44.0771



110.2590, -43.5117, -44.0771

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.



59.8350, -6.8207, -52.4753



64.7410, 43.5117, 44.0771



63.6930, -31.4006, -8.5008

Square

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



64.7410, 43.5117, 44.0771



52.1710, -25.7203, 83.1650



52.2430, -25.7558, -45.8171



73.6460, 43.5585, -64.5875

Rectangle

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



64.7410, 43.5117, 44.0771



57.5560, 0.7119, 98.6134



52.2430, -25.7558, -45.8171



65.2100, 11.2355, -57.1892

Sweetspot

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



64.7410, 43.5117, 44.0771



163.9910, 17.2594, 17.5479



59.8270, 45.9343, -33.1743



78.9980, 9.8610, 10.5258



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.7410, 43.5117, 44.0771



64.8450, 66.1384, 66.7879



73.1390, 26.5535, 70.0381



71.4070, 2.7573, 2.2741



45.8600, 46.4110, 47.4808



4.1730, 4.3517, 4.2333

Inverse Universe

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



65.5010, -2.7120, 76.7366



66.1130, -3.9997, 116.5419



101.8610, -26.5535, -70.0381



71.6200, -0.3057, 4.7183



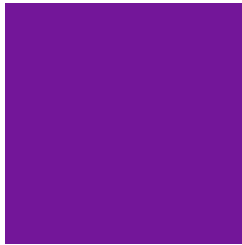
46.5340, -2.7283, 81.9697



4.3430, -0.1691, 7.5922

Previews

White Background



This preview shows how the YUV color 64.7410, 43.5117, 44.0771 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 ✓ Pass

Black Background



This preview shows how the YUV color 64.7410, 43.5117, 44.0771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

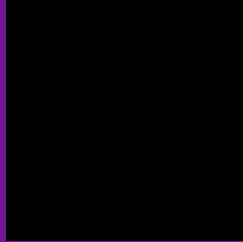
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.7410, 43.5117, 44.0771

Background



This preview shows how black text looks on a background with the YUV color 64.7410, 43.5117, 44.0771.



This preview shows how white text looks on a background with the YUV color 64.7410, 43.5117,

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

64.7410, 43.5117, 44.0771

Deuteranopia

58.9590, 35.5162, -51.7070

Tritanopia

74.5300, -3.7123, 24.0912

Trichromacy



Original Color

64.7410, 43.5117, 44.0771

Deuteranomaly

61.2760, 38.3179, -16.9051

Tritanomaly

70.7540, 13.4323, 31.7877

Monochromacy



Original Color

64.7410, 43.5117, 44.0771

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.6380, 15.9545, 16.1035

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.7410, 43.5117, 44.0771 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(115, 22, 153)` looks like.

```
.text, #text, p{  
    color:rgb(115, 22, 153)  
}
```

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(115, 22, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 22, 153) }
```

Border

The CSS property to change the border of an element to YUV 64.7410, 43.5117, 44.0771 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(115, 22, 153) }
```

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

```
.border{ border-color:rgb(115, 22, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 22, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 22, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 22, 153);  
box-shadow:4px 4px 4px 4px rgb(115, 22,  
153) }
```


Background

The CSS property to change the background color of an element to YUV 64.7410, 43.5117, 44.0771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 22, 153) }
```

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

```
.background{ background-color: rgb(115, 22,  
153) }
```

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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