

Converting Colors

YUV(68.0860, 53.6946, 44.6516)

Have a look what the booklet for
YUV(68.0860, 53.6946, 44.6516)
contains.

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Color

**YUV(68.0860, 53.6946,
44.6516)**

Conversions

Conversions Part 1

Format	Color
Hex	7715B1
RGB	119, 21, 177
RGB Percent	47%, 8%, 69%
CMY	0.5333, 0.9176, 0.3059
CMYK	0.33, 0.88, 0.00, 0.31
HSL	278°, 79%, 39%
HSV	278°, 88%, 69%
XYZ	15.8117, 7.6326, 42.2348
YIQ	68.0860, 8.3320, 69.2920

Conversions

Conversions Part 2

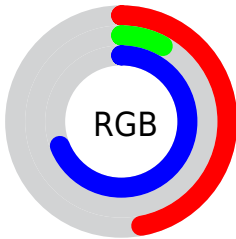
Format	Color
R _Y B	119, 21, 177
Decimal	7804337
CIE Lab	33.21, 62.90, -61.02
CIE LCh	33, 87.633, 315.867
Yxy	7.6326, 0.2407, 0.1162
Android (android.graphics.Color)	4285994417 (0xFF7715B1)
YUV	68.0860, 53.6946, 44.6516
Hunter-Lab	27.6271, 53.8126, -71.3002

Details

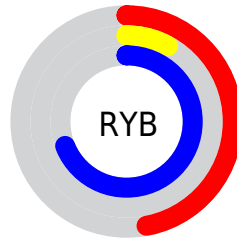
The YUV color **68.0860, 53.6946, 44.6516** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **129.9140, -53.6946, -44.6516**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.4340, 52.5370, 42.5924**, and **32.5600, 44.5869, 25.8189** is the 20% darker color. If you saturate the color by 10%, you get **55.4270, 59.9355, 49.6145**, and if you desaturate by 10%, it is **80.7450, 47.4537, 39.6886**.

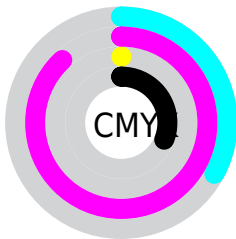
Distribution



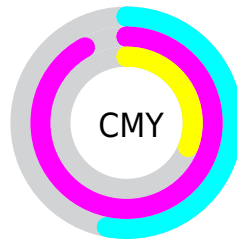
- Red (47%)
- Green (8%)
- Blue (69%)



- Red (47%)
- Yellow (8%)
- Blue (69%)



- Cyan (33%)
- Magenta (88%)
- Yellow (0%)
- Black (31%)



- Cyan (53%)
- Magenta (92%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.0860, 53.6946, 44.6516 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 68.0860, 53.6946, 44.6516 by changing the saturation by 10% instead.

68.0860, 53.6946,
44.6516

68.0860, 53.6946,
44.6516

255.0000, 0.0000,
0.0000

44.3090, 52.1057,
40.9480

127.4340, 52.5370,
42.5924

32.5600, 44.5869,
25.8189

154.6470, 49.4740,
45.0366

20.6260, 37.6524,
9.9750

180.0530, 36.9489,
49.0655

8.3220, 31.8863,
-7.2984

202.1700, 26.0452,
46.3319

7.9340, 20.2455,
-6.9581

218.6060, 17.9422,
31.9175

3.6650, 11.5042,
-3.2142

235.6290, 9.5499,

0.0000, 0.0000,

16.9884

0.0000

252.6520, 1.1576,
2.0592

68.0860, 53.6946,
44.6516

68.0860, 53.6946,
44.6516

55.4270, 59.9355,
49.6145

80.7450, 47.4537,
39.6886

53.3670, 60.9511,
50.5441

92.5180, 41.6496,
34.6257

105.1770, 35.4087,
29.6628

117.5370, 29.3153,
24.0851

130.1960, 23.0744,
19.1221

■ 141.9690, 17.2703,
14.0592

■ 154.6280, 11.0294,
9.0962

■ 167.2870, 4.7885,
4.1333

■ 179.0600, -1.0156,
-0.9296

Harmonies

Analogous

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



69.8230, 72.0653, -61.2348



68.0860, 53.6946, 44.6516



66.2180, 23.5565, 98.0328

Triad

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



68.0860, 53.6946, 44.6516



73.4590, -36.2153, 42.5705



73.5710, 20.4245, -64.5218

Complementary

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



68.0860, 53.6946, 44.6516



129.9140, -53.6946, -44.6516

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.



63.9610, -11.3198, -56.0938



68.0860, 53.6946, 44.6516



68.7210, -33.8795, -6.7713

Square

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



68.0860, 53.6946, 44.6516



49.9330, -24.6170, 102.6678



56.9390, -28.0709, -49.9355



80.8670, 48.3796, -70.9204

Rectangle

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



68.0860, 53.6946, 44.6516



64.5620, 1.6949, 110.0091



56.9390, -28.0709, -49.9355



70.2480, 10.2307, -61.6075

Sweetspot

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



68.0860, 53.6946, 44.6516



187.9030, 20.7538, 16.7481



74.0040, 50.7770, -46.4845



89.9810, 12.3344, 10.5407



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



68.0860, 53.6946, 44.6516



69.2760, 79.2369, 65.5329



83.3760, 37.2826, 82.1082



82.8200, 3.0467, 2.7889



46.1460, 52.6790, 43.7220



7.7480, 8.9982, 7.2370

Inverse Universe

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



74.2560, 2.3388, 90.1065



78.4600, 3.2242, 132.9006



114.6240, -37.2826, -82.1082



83.1470, 0.4205, 5.1331



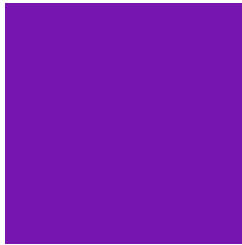
52.2450, 2.3442, 88.3621



8.8000, 0.0986, 15.0844

Previews

White Background



This preview shows how the YUV color 68.0860, 53.6946, 44.6516 looks on a white background.

Color Contrast Check

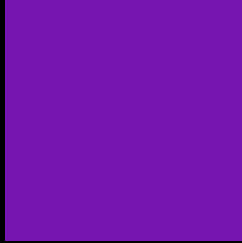
Large Text (above 18pt) WCAG AA ✓ Pass

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 68.0860, 53.6946, 44.6516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

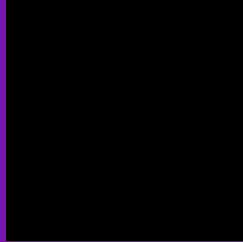
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.0860, 53.6946, 44.6516

Background



This preview shows how black text looks on a background with the YUV color 68.0860, 53.6946, 44.6516.



This preview shows how white text looks on a background with the YUV color 68.0860, 53.6946,

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

68.0860, 53.6946, 44.6516

Protanopia

63.5530, 48.0414, -55.7360

Deuteranopia

63.5070, 37.7110, -55.6956



Tritanopia

80.5400, -2.2382, 17.9434

Trichromacy



Original Color

68.0860, 53.6946, 44.6516



Protanomaly

65.3540, 50.1115, -19.6045



Deuteranomaly

64.9320, 43.4175, -19.2344



Tritanomaly

76.2850, 18.1005, 27.8141

Monochromacy



Original Color

68.0860, 53.6946, 44.6516



Achromatopsia

68.0000, 0.0000, 0.0000



Achromatomaly

68.2620, 19.5908, 16.4332

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.0860, 53.6946, 44.6516 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, 21, 177)` looks like.

```
.text, #text, p{  
    color:rgb(119, 21, 177)  
}
```

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, 21, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 21, 177) }
```

Border

The CSS property to change the border of an element to YUV 68.0860, 53.6946, 44.6516 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, 21, 177) }
```


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

```
.border{ border-color:rgb(119, 21, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 21, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 21, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 21, 177);  
box-shadow:4px 4px 4px 4px rgb(119, 21,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 68.0860, 53.6946, 44.6516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 21, 177) }
```

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

```
.background{ background-color: rgb(119, 21,  
177) }
```

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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