

Converting Colors

YUV(69.2890, 86.1325, 47.1045)

Have a look what the booklet for
YUV(69.2890, 86.1325, 47.1045)
contains.

YUV(69.2890, 86.1325, 47.1045)	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>	30

Color

**YUV(69.2890, 86.1325,
47.1045)**

Conversions

Conversions Part 1

Format	Color
Hex	7B08F4
RGB	123, 8, 244
RGB Percent	48%, 3%, 96%
CMY	0.5176, 0.9686, 0.0431
CMYK	0.50, 0.97, 0.00, 0.04
HSL	269°, 94%, 49%
HSV	269°, 97%, 96%
XYZ	24.5843, 10.9163, 86.3993
YIQ	69.2890, -7.2160, 97.7760

Conversions

Conversions Part 2

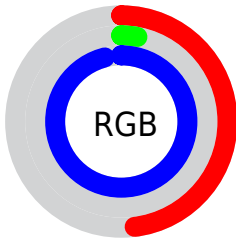
Format	Color
R_{YB}	123, 8, 244
Decimal	8063220
CIE _{Lab}	39.44, 79.61, -89.58
CIE _{LCh}	39, 119.841, 311.630
Yxy	10.9163, 0.2017, 0.0896
Android (android.graphics.Color)	4286253300 (0xFF7B08F4)
YUV	69.2890, 86.1325, 47.1045
Hunter-Lab	33.0398, 74.9992, -131.9159

Details

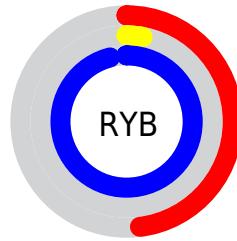
The YUV color **69.2890, 86.1325, 47.1045** is a dark color, and the websafe version is hex **9900FF**. The color can be described as dark saturated purple. A complement of this color would be **182.7110, -86.1325, -47.1045**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.4050, 59.9463, 46.1258**, and **36.4530, 73.7267, 12.7577** is the 20% darker color. If you saturate the color by 10%, you get **63.3970, 89.0373, 48.7638**, and if you desaturate by 10%, it is **87.2640, 77.2708, 42.7415**.

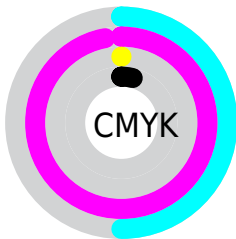
Distribution



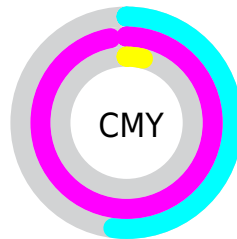
- Red (48%)
- Green (3%)
- Blue (96%)



- Red (48%)
- Yellow (3%)
- Blue (96%)



- Cyan (50%)
- Magenta (97%)
- Yellow (0%)
- Black (4%)



- Cyan (52%)
- Magenta (97%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.2890, 86.1325, 47.1045 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 69.2890, 86.1325, 47.1045 by changing the saturation by 10% instead.

69.2890, 86.1325,
47.1045

69.2890, 86.1325,
47.1045

255.0000, 0.0000,
0.0000

51.4200, 80.6449,
33.8347

133.4050, 59.9463,
46.1258

36.4530, 73.7267,
12.7577

159.9960, 46.8370,
50.8695

18.0120, 69.0141,
-15.7965

186.2880, 33.8750,
54.9984

14.9340, 57.2205,
-13.0971

204.5180, 24.8876,
44.2727

11.9700, 45.8638,
-10.4977

221.5410, 16.4953,
29.3435

14.8760, 31.6131,
-13.0463

239.1510, 7.8136,

9.2050, 22.5769,

13.8996

-8.0728

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 69.2890, 86.1325,
47.1045

■ 69.2890, 86.1325,
47.1045

■ 63.3970, 89.0373,
48.7638

■ 87.2640, 77.2708,
42.7415

■ 105.5270, 68.2672,
37.2488

■ 123.5020, 59.4055,
32.8857

■ 141.7650, 50.4019,
27.3931

■ 159.7400, 41.5402,
23.0300

■ 177.4160, 32.8259,
18.0522

■ 195.9780, 23.6748,
13.1743

■ 213.6540, 14.9606,
8.1964

■ 232.2160, 5.8095,
3.3186

Harmonies

Analogous

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



87.1830, 82.7338, -76.4595



69.2890, 86.1325, 47.1045



85.1730, 35.4107, 122.6283

Triad

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



69.2890, 86.1325, 47.1045



84.5330, -41.6748, 67.0616



87.7220, 21.3361, -76.9322

Complementary

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



69.2890, 86.1325, 47.1045



182.7110, -86.1325, -47.1045

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.



73.1930, -26.7171, -64.1903



69.2890, 86.1325, 47.1045



83.1960, -41.0156, -4.5569

Square

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



69.2890, 86.1325, 47.1045



65.4810, -32.2821, 134.6362



68.0920, -33.5694, -59.7167



100.1990, 61.5269, -87.8745

Rectangle

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



69.2890, 86.1325, 47.1045



83.8570, 4.5075, 141.3224



68.0920, -33.5694, -59.7167



83.1450, 6.3375, -72.9182

Sweetspot

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



69.2890, 86.1325, 47.1045



200.2000, 27.0164, 14.7336



106.5180, 67.7786, -86.4003



94.7080, 16.4130, 9.0261



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.



69.2890, 86.1325, 47.1045



66.1460, 93.1050, 50.7380



104.2720, 68.8859, 119.0335



113.1620, 4.3571, 2.4889



48.4130, 67.8304, 37.3488



15.3970, 21.4963, 11.9298

Inverse Universe

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



92.3580, 18.0645, 132.9900



91.1790, 19.6318, 143.6710



147.7280, -68.8859, -119.0335



114.2720, 0.8519, 6.7775



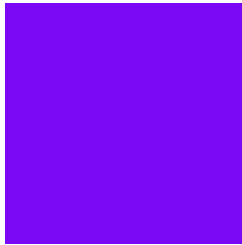
66.4440, 14.0781, 104.8506



21.0610, 4.4069, 33.2725

Previews

White Background



This preview shows how the YUV color 69.2890, 86.1325, 47.1045 looks on a white background.

Color Contrast Check

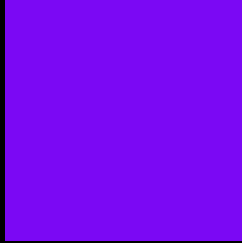
Large Text (above 18pt) WCAG AA ✓ Pass

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 69.2890, 86.1325, 47.1045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

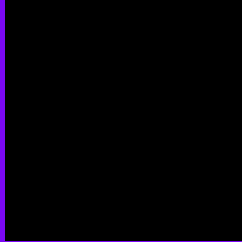
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.2890, 86.1325, 47.1045

Background



This preview shows how black text looks on a background with the YUV color 69.2890, 86.1325, 47.1045.



This preview shows how white text looks on a background with the YUV color 69.2890, 86.1325,

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

69.2890, 86.1325, 47.1045

Protanopia

75.0770, 56.6570, -65.8425

Tritanopia

92.6230, 5.1159, -7.5624

Trichromacy



Original Color

69.2890, 86.1325, 47.1045

Protanomaly

73.2020, 67.4414, -24.7332

Tritanomaly

83.8390, 34.5894, 12.4192

Monochromacy



Original Color

69.2890, 86.1325, 47.1045

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.3620, 31.3735, 17.2225

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.2890, 86.1325, 47.1045 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(123, 8, 244)` looks like.

```
.text, #text, p{  
    color:rgb(123, 8, 244)  
}
```

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(123, 8, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 8, 244) }
```

Border

The CSS property to change the border of an element to YUV 69.2890, 86.1325, 47.1045 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(123, 8, 244) }
```

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

```
.border{ border-color:rgb(123, 8, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 8, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 8, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 8, 244);  
box-shadow:4px 4px 4px 4px rgb(123, 8,  
244) }
```


Background

The CSS property to change the background color of an element to YUV 69.2890, 86.1325, 47.1045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 8, 244) }
```

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

```
.background{ background-color: rgb(123, 8,  
244) }
```

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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