

# Converting Colors

YUV(104.3690, 47.6391,  
26.8634)

Have a look what the booklet for  
YUV(104.3690, 47.6391, 26.8634)  
contains.

<b>YUV(104.3690, 47.6391, 26.8634)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(104.3690, 47.6391,  
26.8634)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8746C9
RGB	135, 70, 201
RGB Percent	53%, 27%, 79%
CMY	0.4706, 0.7255, 0.2118
CMYK	0.33, 0.65, 0.00, 0.21
HSL	270°, 55%, 53%
HSV	270°, 65%, 79%
XYZ	22.7244, 13.7483, 56.7143
YIQ	104.3690, -3.3110, 54.5210

# Conversions

## Conversions Part 2

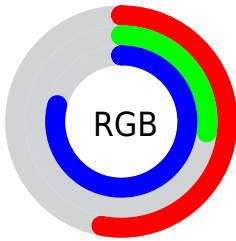
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">135, 70, 201</a>
Decimal	<a href="#">8865481</a>
CIELab	<a href="#">43.87, 52.27, -57.70</a>
CIElCh	<a href="#">44, 77.851, 312.175</a>
Yxy	<a href="#">13.7483, 0.2439, 0.1475</a>
Android (android.graphics.Color)	<a href="#">4287055561 (0xFF8746C9)</a>
YUV	<a href="#">104.3690, 47.6391, 26.8634</a>
Hunter-Lab	<a href="#">37.0786, 44.5099, -64.7330</a>

# Details

The YUV color **104.3690, 47.6391, 26.8634** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **166.6310, -47.6391, -26.8634**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.0920, 47.7756, 29.7373**, and **49.0700, 47.7865, 26.2486** is the 20% darker color. If you saturate the color by 10%, you get **89.6390, 54.9010, 31.0116**, and if you desaturate by 10%, it is **119.0990, 40.3772, 22.7152**.

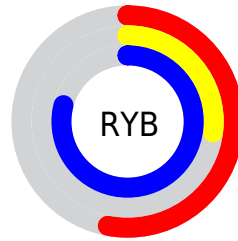
# Distribution



Red (53%)

Green (27%)

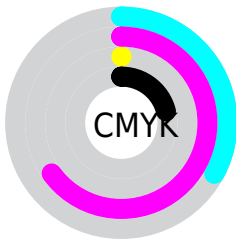
Blue (79%)



Red (53%)

Yellow (27%)

Blue (79%)

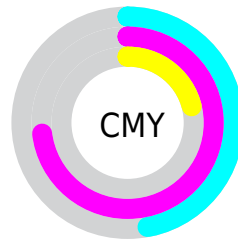


Cyan (33%)

Magenta (65%)

Yellow (0%)

Black (21%)



Cyan (47%)

Magenta (73%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 104.3690, 47.6391, 26.8634 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 104.3690, 47.6391, 26.8634 by changing the saturation by 10% instead.



104.3690, 47.6391,  
26.8634

104.3690, 47.6391,  
26.8634

255.0000, 0.0000,  
0.0000

77.5430, 47.0603,  
25.8338

158.0920, 47.7756,  
29.7373

49.0700, 47.7865,  
26.2486

182.6120, 35.6873,  
33.6663

28.6300, 45.0454,  
18.7415

207.4310, 23.4515,  
38.2100

15.5000, 38.7005,  
0.4385

225.6500, 14.4696,  
25.7400

7.8660, 30.1391,  
-6.8985

242.0860, 6.3666,  
11.3256

7.5920, 18.9351,  
-6.6582

3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,  
0.0000

■ 104.3690, 47.6391,  
26.8634

■ 104.3690, 47.6391,  
26.8634

■ 89.6390, 54.9010,  
31.0116

■ 119.0990, 40.3772,  
22.7152

■ 74.9090, 62.1629,  
35.1598

■ 133.8290, 33.1153,  
18.5670

■ 60.1790, 69.4248,  
39.3080

■ 148.5590, 25.8534,  
14.4188

■ 52.8140, 73.0557,  
41.3821

■ 163.5880, 18.4441,  
10.8853

■ 178.9050, 10.8928,  
6.2223

■ 193.6350, 3.6309,  
2.0741

■ 208.3650, -3.6309,  
-2.0741

■ 223.0950,  
-10.8928, -6.2223

■ 237.8250,  
-18.1547, -10.3705

# Harmonies

## Analogous

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



87.4960, 71.2405, -76.7340



104.3690, 47.6391, 26.8634



75.1340, 34.4439, 105.9995

# Triad

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



104.3690, 47.6391, 26.8634



97.7240, -48.1779, 52.8621



91.0160, 18.7261, -79.8210

# Complementary

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



104.3690, 47.6391, 26.8634



166.6310, -47.6391, -26.8634

# 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.



82.0900, -10.3974, -71.9929



104.3690, 47.6391, 26.8634



94.7800, -46.7265, 7.2089

# Square

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



104.3690, 47.6391, 26.8634



86.9140, -35.9466, 96.5454



71.6140, -35.3057, -62.8055



97.3830, 45.6602, -85.4049



# Rectangle

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



104.3690, 47.6391, 26.8634



74.7170, 13.4505, 119.5202



71.6140, -35.3057, -62.8055



88.5080, 9.1166, -77.6215

# Sweetspot

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



104.3690, 47.6391, 26.8634



217.2890, 18.5915, 10.2705



124.8500, 37.5419, -48.1035



105.0190, 11.3296, 6.1223



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.



104.3690, 47.6391, 26.8634



108.2870, 72.3295, 40.9673



123.5050, 38.2050, 66.2091



92.2220, 3.3416, 1.5593



42.8010, 59.2581, 33.5005



9.4860, 13.0714, 7.4668



# Inverse Universe

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



116.6930, 9.5184, 73.9372



126.9010, 14.3458, 112.3428



147.4950, -38.2050, -66.2091



93.2610, 0.8573, 5.0331



58.0850, 11.7901, 92.0105

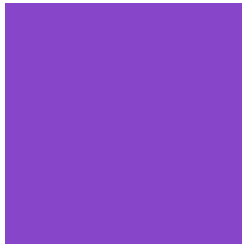


12.8160, 2.5557, 20.3324



# Previews

## White Background



This preview shows how the YUV color 104.3690, 47.6391, 26.8634 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

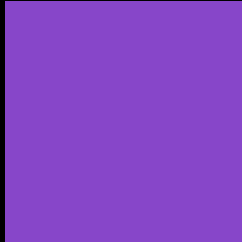
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 104.3690, 47.6391, 26.8634 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

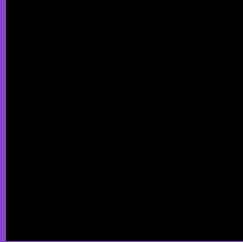
Any Text WCAG AA × Fail

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 104.3690, 47.6391, 26.8634 Background



This preview shows how black text looks on a background with the YUV color 104.3690, 47.6391, 26.8634.



This preview shows how white text looks on a background with the YUV color 104.3690, 47.6391,



# 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

104.3690, 47.6391, 26.8634

### Protanopia

82.8680, 63.6621, -72.6752

### Deuteranopia

83.4260, 50.5690, -73.1646



## Tritanopia

105.2940, 0.8411, 10.2662

# Trichromacy



## Original Color

104.3690, 47.6391, 26.8634



## Protanomaly

90.6060, 57.8752, -36.4885



## Deuteranomaly

91.0160, 49.2921, -36.8480



## Tritanomaly

104.8060, 17.8436, 16.8331

# Monochromacy



## Original Color

104.3690, 47.6391, 26.8634



## Achromatopsia

104.0000, 0.0000, 0.0000



## Achromatomaly

104.2350, 17.1391, 9.4409

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 104.3690, 47.6391, 26.8634 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(135, 70, 201)` looks like.

```
.text, #text, p{  
    color:rgb(135, 70, 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(135, 70, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 70, 201) }
```

## Border

The CSS property to change the border of an element to YUV 104.3690, 47.6391, 26.8634 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(135, 70, 201) }
```



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

```
.border{ border-color:rgb(135, 70, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 70, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 70, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 70, 201);  
box-shadow:4px 4px 4px 4px rgb(135, 70,  
201) }
```

# Background

The CSS property to change the background color of an element to YUV 104.3690, 47.6391, 26.8634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 70, 201) }
```

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

```
.background{ background-color: rgb(135, 70,  
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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