

Converting Colors

YUV(84.9470, 7.4211, 46.5275)

Have a look what the booklet for
YUV(84.9470, 7.4211, 46.5275)
contains.

YUV(84.9470, 7.4211, 46.5275)	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(84.9470, 7.4211,
46.5275)**

Conversions

Conversions Part 1

Format	Color
Hex	8A3764
RGB	138, 55, 100
RGB Percent	54%, 22%, 39%
CMY	0.4588, 0.7843, 0.6078
CMYK	0.00, 0.60, 0.28, 0.46
HSL	327°, 43%, 38%
HSV	327°, 60%, 54%
XYZ	14.1477, 9.0558, 13.0589
YIQ	84.9470, 35.0230, 31.5910

Conversions

Conversions Part 2

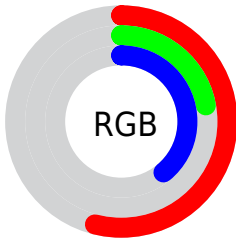
Format	Color
R_{YB}	138, 55, 100
Decimal	9058148
CIE _{Lab}	36.09, 40.45, -8.82
CIE _{LCh}	36, 41.401, 347.703
Yxy	9.0558, 0.3901, 0.2497
Android (android.graphics.Color)	4287248228 (0xFF8A3764)
YUV	84.9470, 7.4211, 46.5275
Hunter-Lab	30.0928, 31.2568, -4.6642

Details

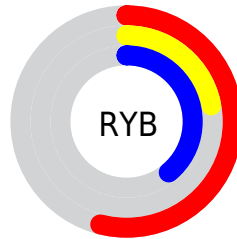
The YUV color **84.9470, 7.4211, 46.5275** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **108.0530, -7.4211, -46.5275**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.4420, 6.6841, 49.6014**, and **31.4570, 10.6207, 46.9572** is the 20% darker color. If you saturate the color by 10%, you get **76.0450, 8.8518, 54.3345**, and if you desaturate by 10%, it is **93.8490, 5.9904, 38.7204**.

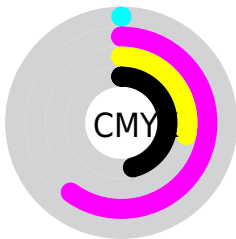
Distribution



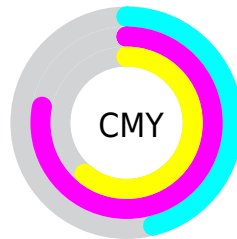
- Red (54%)
- Green (22%)
- Blue (39%)



- Red (54%)
- Yellow (22%)
- Blue (39%)



- Cyan (0%)
- Magenta (60%)
- Yellow (28%)
- Black (46%)



- Cyan (46%)
- Magenta (78%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.9470, 7.4211, 46.5275 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 84.9470, 7.4211, 46.5275 by changing the saturation by 10% instead.

84.9470, 7.4211,
46.5275

84.9470, 7.4211,
46.5275

255.0000, 0.0000,
0.0000

58.8760, 8.4421,
45.7127

137.4420, 6.6841,
49.6014

31.4570, 10.6207,
46.9572

164.4530, 6.6787,
51.3457

21.2890, 5.2805,
33.0725

192.0510, 6.3839,
52.5753

11.4480, -2.6859,
21.5321

212.5760, 10.0690,
37.2058

0.0000, 0.0000,
0.0000

231.5200, 11.5756,
20.5920

248.5430, 3.1833,

5.6628

■ 84.9470, 7.4211,
46.5275

■ 84.9470, 7.4211,
46.5275

■ 76.0450, 8.8518,
54.3345

■ 93.8490, 5.9904,
38.7204

■ 67.0290, 9.8457,
62.2416

■ 102.8650, 4.9966,
30.8134

■ 58.7140, 10.9870,
69.5338

■ 111.1800, 3.8553,
23.5211

■ 49.8120, 12.4177,
77.3409

■ 120.0820, 2.4246,
15.7141

■ 129.0980, 1.4307,
7.8071

■ 138.0000, 0.0000,
0.0000

■ 146.9020, -1.4307,
-7.8071

■ 155.3310, -2.1352,
-15.1993

■ 164.2330, -3.5659,
-23.0063

Harmonies

Analogous

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



87.3380, 21.0324, 20.7516



84.9470, 7.4211, 46.5275



82.6910, -7.7357, 54.6450

Triad

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



84.9470, 7.4211, 46.5275



78.5420, -32.3122, 3.9097



73.2750, 29.4444, -64.2622

Complementary

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



84.9470, 7.4211, 46.5275



108.0530, -7.4211, -46.5275

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.



71.1430, 16.1985, -62.3924



84.9470, 7.4211, 46.5275



73.4270, -17.9585, -26.6845

Square

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



84.9470, 7.4211, 46.5275



81.1690, -33.1143, 27.9158



66.6800, 1.6368, -58.4784



71.6910, 38.6063, -62.8730

Rectangle

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



84.9470, 7.4211, 46.5275



82.3240, -17.9077, 50.5819



66.6800, 1.6368, -58.4784



72.9500, 25.6607, -63.9771

Sweetspot

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



84.9470, 7.4211, 46.5275



157.9190, 2.9979, 18.4880



75.5250, 30.8002, 14.4486



76.8210, 1.5672, 10.6810



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



84.9470, 7.4211, 46.5275



96.5510, 11.5604, 72.3078



80.2730, -10.4876, 50.6266



64.5490, 0.7153, 3.9035



47.9750, 11.8443, 74.5669



1.8370, 0.5734, 2.7740

Inverse Universe

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



84.9470, 7.4211, 46.5275



96.5510, 11.5604, 72.3078



112.7270, 10.4876, -50.6266



64.5490, 0.7153, 3.9035



47.9750, 11.8443, 74.5669



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 84.9470, 7.4211, 46.5275 looks on a white background.

Color Contrast Check

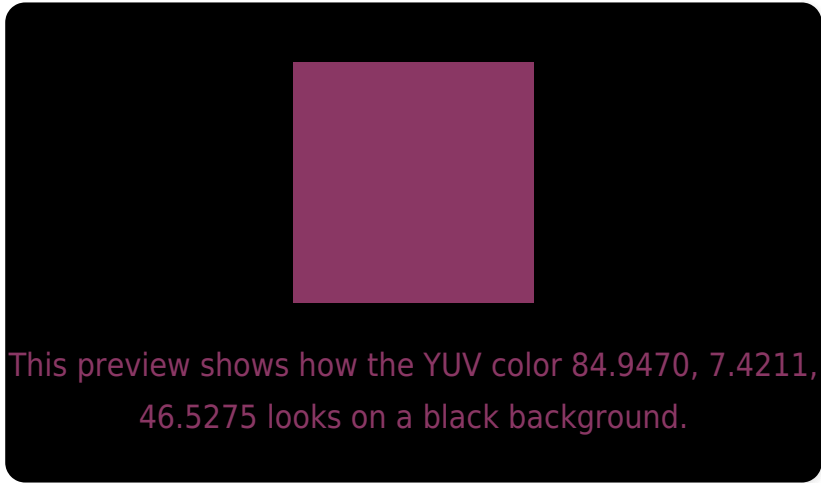
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

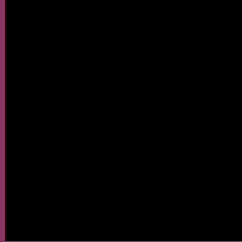
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.9470, 7.4211, 46.5275

Background



This preview shows how black text looks on a background with the YUV color 84.9470, 7.4211, 46.5275.



This preview shows how white text looks on a background with the YUV color 84.9470, 7.4211,

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

84.9470, 7.4211, 46.5275

Protanopia

85.5270, 17.4882, -9.2322

Deuteranopia

86.2760, 4.7939, 2.3889



Tritanopia

84.9840, -8.8661, 43.8640

Trichromacy



Original Color

84.9470, 7.4211, 46.5275

Protanomaly

85.0350, 13.7867, 11.3703

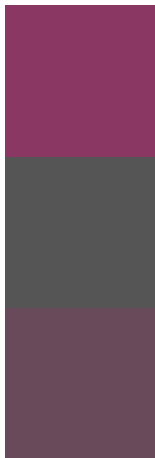
Deuteranomaly

85.9020, 5.4713, 18.5029

Tritanomaly

84.8900, -2.9038, 44.8235

Monochromacy



Original Color

84.9470, 7.4211, 46.5275

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.7940, 2.5666, 16.8437

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.9470, 7.4211, 46.5275 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(138, 55, 100)` looks like.

```
.text, #text, p{  
    color:rgb(138, 55, 100)  
}
```

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(138, 55, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 55, 100) }
```

Border

The CSS property to change the border of an element to YUV 84.9470, 7.4211, 46.5275 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(138, 55, 100) }
```


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

```
.border{ border-color:rgb(138, 55, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 55, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 55, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 55, 100);  
box-shadow:4px 4px 4px 4px rgb(138, 55,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 84.9470, 7.4211, 46.5275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 55, 100) }
```

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

```
.background{ background-color: rgb(138, 55,  
100) }
```

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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