

Converting Colors

YUV(88.9450, 10.3801, 30.7432)

Have a look what the booklet for
YUV(88.9450, 10.3801, 30.7432)
contains.

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Color

**YUV(88.9450, 10.3801,
30.7432)**

Conversions

Conversions Part 1

Format	Color
Hex	7C436E
RGB	124, 67, 110
RGB Percent	49%, 26%, 43%
CMY	0.5137, 0.7373, 0.5686
CMYK	0.00, 0.46, 0.11, 0.51
HSL	315°, 30%, 37%
HSV	315°, 46%, 49%
XYZ	13.1338, 9.4252, 15.8789
YIQ	88.9450, 20.1690, 25.4570

Conversions

Conversions Part 2

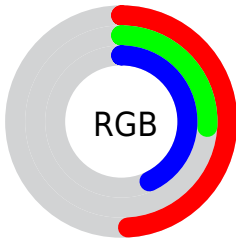
Format	Color
R_{YB}	124, 67, 110
Decimal	8143726
CIE _{Lab}	36.79, 30.95, -14.26
CIE _{LCh}	37, 34.076, 335.271
Yxy	9.4252, 0.3417, 0.2452
Android (android.graphics.Color)	4286333806 (0xFF7C436E)
YUV	88.9450, 10.3801, 30.7432
Hunter-Lab	30.7005, 22.6374, -9.1756

Details

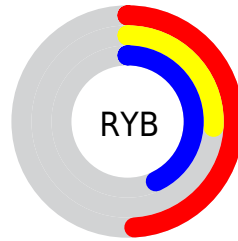
The YUV color **88.9450, 10.3801, 30.7432** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **102.0550, -10.3801, -30.7432**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.3690, 10.6641, 33.0024**, and **40.0480, 10.8223, 28.8989** is the 20% darker color. If you saturate the color by 10%, you get **81.5590, 12.5424, 37.2208**, and if you desaturate by 10%, it is **96.3310, 8.2178, 24.2657**.

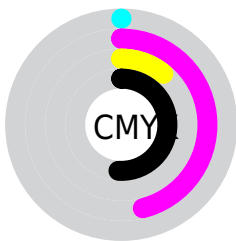
Distribution



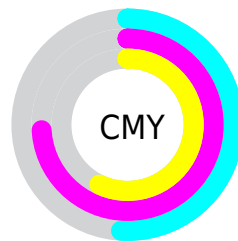
- Red (49%)
- Green (26%)
- Blue (43%)



- Red (49%)
- Yellow (26%)
- Blue (43%)



- Cyan (0%)
- Magenta (46%)
- Yellow (11%)
- Black (51%)



- Cyan (51%)
- Magenta (74%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.9450, 10.3801, 30.7432 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 88.9450, 10.3801, 30.7432 by changing the saturation by 10% instead.

88.9450, 10.3801,
30.7432

88.9450, 10.3801,
30.7432

255.0000, 0.0000,
0.0000

64.3470, 10.6749,
29.5137

140.3690, 10.6641,
33.0024

40.0480, 10.8223,
28.8989

167.0810, 10.8061,
34.1320

19.2110, 10.2490,
26.1250

194.4940, 11.0955,
34.6468

9.9400, 4.4666,
14.0846

219.8140, 12.4167,
30.8581

0.0000, 0.0000,
0.0000

237.9770, 8.3923,
14.9292

254.4130, 0.2894,

0.5148

■ 88.9450, 10.3801,
30.7432

■ 88.9450, 10.3801,
30.7432

■ 81.5590, 12.5424,
37.2208

■ 96.3310, 8.2178,
24.2657

■ 73.5860, 14.9941,
44.2131

■ 104.3040, 5.7661,
17.2734

■ 66.2000, 17.1564,
50.6906

■ 111.6900, 3.6038,
10.7959

■ 58.2270, 19.6081,
57.6829

■ 119.6630, 1.1521,
3.8035

■ 50.8410, 21.7704,
64.1604

■ 127.0490, -1.0102,
-2.6740

■ 47.7920, 22.7805,
66.8344

■ 134.4350, -3.1725,
-9.1515

■ 142.4080, -5.6241,
-16.1438

■ 149.7940, -7.7864,
-22.6213

■ 157.7670,
-10.2381, -29.6137

Harmonies

Analogous

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



88.5380, 20.9338, 5.6672



88.9450, 10.3801, 30.7432



86.8190, -1.8828, 44.0087

Triad

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



88.9450, 10.3801, 30.7432



83.6770, -26.9558, 12.5613



71.4510, 22.4557, -62.6625

Complementary

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



88.9450, 10.3801, 30.7432



102.0550, -10.3801, -30.7432

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.



69.0740, 10.8095, -60.5779



88.9450, 10.3801, 30.7432



80.3690, -19.9019, -9.9706

Square

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



88.9450, 10.3801, 30.7432



85.1830, -24.2472, 30.5345



73.0800, -4.9694, -39.5352



71.2690, 31.9124, -62.5029

Rectangle

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



88.9450, 10.3801, 30.7432



86.5280, -10.6133, 44.2639



73.0800, -4.9694, -39.5352



71.1260, 18.6719, -62.3775

Sweetspot

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



88.9450, 10.3801, 30.7432



146.8150, 4.0352, 12.4402



77.3850, 22.9812, 2.2934



73.3260, 2.3043, 7.6071



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



88.9450, 10.3801, 30.7432



106.2490, 16.1462, 48.0166



85.7530, -1.8502, 33.5426



57.3640, 1.2995, 3.1888



48.0910, 22.6331, 67.4492



97.0080, 45.8451, 135.9280

Inverse Universe

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



88.9450, 10.3801, 30.7432



106.2490, 16.1462, 48.0166



105.2470, 1.8502, -33.5426



57.3640, 1.2995, 3.1888



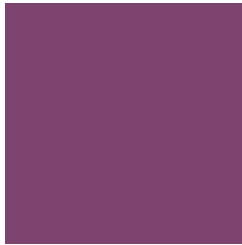
48.0910, 22.6331, 67.4492



97.0080, 45.8451, 135.9280

Previews

White Background



This preview shows how the YUV color 88.9450, 10.3801, 30.7432 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

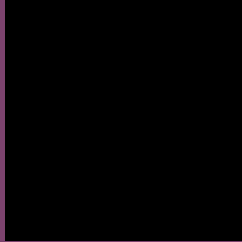
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.9450, 10.3801, 30.7432

Background



This preview shows how black text looks on a background with the YUV color 88.9450, 10.3801, 30.7432.



This preview shows how white text looks on a background with the YUV color 88.9450, 10.3801,

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

88.9450, 10.3801, 30.7432

Protanopia

87.0430, 18.2198, -10.5617

Deuteranopia

87.8070, 9.4621, -1.5847



Tritanopia

88.6230, -4.7441, 28.3946

Trichromacy



Original Color

88.9450, 10.3801, 30.7432

Protanomaly

87.7460, 15.4082, 4.6078

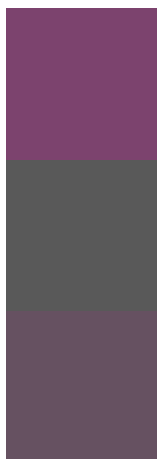
Deuteranomaly

87.9980, 9.8610, 10.5258

Tritanomaly

88.4150, 0.7814, 29.4540

Monochromacy



Original Color

88.9450, 10.3801, 30.7432

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.1030, 3.8932, 11.3107

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.9450, 10.3801, 30.7432 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(124, 67, 110)` looks like.

```
.text, #text, p{  
    color:rgb(124, 67, 110)  
}
```

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(124, 67, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 67, 110) }
```

Border

The CSS property to change the border of an element to YUV 88.9450, 10.3801, 30.7432 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(124, 67, 110) }
```


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

```
.border{ border-color:rgb(124, 67, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 67, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 67, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 67, 110);  
box-shadow:4px 4px 4px 4px rgb(124, 67,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 88.9450, 10.3801, 30.7432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 67, 110) }
```

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

```
.background{ background-color: rgb(124, 67,  
110) }
```

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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