

Converting Colors

YUV(83.9100, 0.0444, 32.5279)

Have a look what the booklet for
YUV(83.9100, 0.0444, 32.5279)
contains.

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Color

**YUV(83.9100, 0.0444,
32.5279)**

Conversions

Conversions Part 1

Format	Color
Hex	794154
RGB	121, 65, 84
RGB Percent	47%, 25%, 33%
CMY	0.5255, 0.7451, 0.6706
CMYK	0.00, 0.46, 0.31, 0.53
HSL	340°, 30%, 36%
HSV	340°, 46%, 47%
XYZ	11.3757, 8.4856, 9.4258
YIQ	83.9100, 27.2770, 17.7810

Conversions

Conversions Part 2

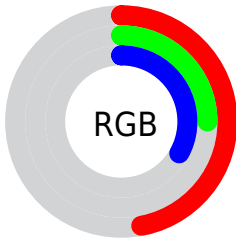
Format	Color
RYB	121, 65, 84
Decimal	7946580
CIELab	34.97, 26.69, -0.59
CIElCh	35, 26.694, 358.740
Yxy	8.4856, 0.3884, 0.2897
Android (android.graphics.Color)	4286136660 (0xFF794154)
YUV	83.9100, 0.0444, 32.5279
Hunter-Lab	29.1301, 18.7289, 1.2062

Details

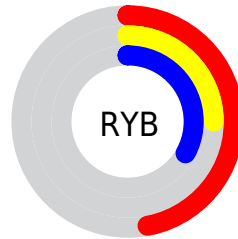
The YUV color **83.9100, 0.0444, 32.5279** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **102.0900, -0.0444, -32.5279**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.4050, -0.6927, 35.6018**, and **36.5290, 1.2182, 29.3541** is the 20% darker color. If you saturate the color by 10%, you get **75.9540, 0.0227, 39.5053**, and if you desaturate by 10%, it is **91.8660, 0.0661, 25.5505**.

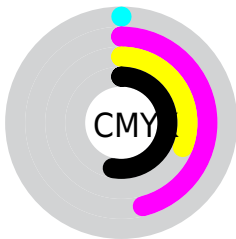
Distribution



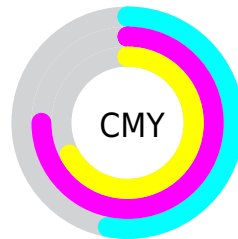
- Red (47%)
- Green (25%)
- Blue (33%)



- Red (47%)
- Yellow (25%)
- Blue (33%)



- Cyan (0%)
- Magenta (46%)
- Yellow (31%)
- Black (53%)



- Cyan (53%)
- Magenta (75%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.9100, 0.0444, 32.5279 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 83.9100, 0.0444, 32.5279 by changing the saturation by 10% instead.

83.9100, 0.0444,
32.5279

83.9100, 0.0444,
32.5279

255.0000, 0.0000,
0.0000

60.0130, 0.4866,
30.6836

134.4050, -0.6927,
35.6018

36.5290, 1.2182,
29.3541

161.1170, -0.5507,
36.7314

16.2190, 1.3710,
26.9949

188.7150, -0.8455,
37.9609

3.8870, -1.9163,
7.9921

214.5190, -0.2559,
35.5018

0.0000, 0.0000,
0.0000

234.2610, 4.3083,
18.1881

252.6520, 1.1576,

2.0592

■ 83.9100, 0.0444,
32.5279

■ 83.9100, 0.0444,
32.5279

■ 75.9540, 0.0227,
39.5053

■ 91.8660, 0.0661,
25.5505

■ 67.9980, 0.0010,
46.4828

■ 99.8220, 0.0878,
18.5731

■ 60.0420, -0.0207,
53.4602

■ 107.7780, 0.1094,
11.5957

■ 52.0860, -0.0424,
60.4376

■ 115.7340, 0.1311,
4.6183

■ 44.1300, -0.0641,
67.4150

■ 123.6900, 0.1528,
-2.3591

■ 40.8530, 0.0725,
70.2889

■ 132.2330, -0.1149,
-9.8513

■ 140.1890, -0.0932,
-16.8288

■ 148.1450, -0.0715,
-23.8062

■ 156.1010, -0.0498,
-30.7836

Harmonies

Analogous

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



84.7650, 9.9759, 20.3771



83.9100, 0.0444, 32.5279



82.9890, -9.8546, 34.2126

Triad

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



83.9100, 0.0444, 32.5279



78.5100, -17.0134, -3.0783



66.2820, 25.4970, -58.1293

Complementary

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



83.9100, 0.0444, 32.5279



102.0900, -0.0444, -32.5279

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.



66.2190, 17.6400, -58.0741



83.9100, 0.0444, 32.5279



74.4950, -7.6390, -23.2361

Square

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



83.9100, 0.0444, 32.5279



80.6970, -20.5566, 13.4207



65.3200, 7.7302, -52.9006



77.6000, 23.3682, -28.5902

Rectangle

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



83.9100, 0.0444, 32.5279



82.4740, -15.5167, 30.2793



65.3200, 7.7302, -52.9006



66.4130, 23.4604, -58.2442

Sweetspot

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



83.9100, 0.0444, 32.5279



143.3760, -0.1854, 12.8252



82.1480, 19.1540, 16.5332



70.3430, -0.1691, 7.5922



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



83.9100, 0.0444, 32.5279



99.7320, 0.1321, 51.1010



86.4400, -10.5699, 30.3091



57.0220, -0.0108, 3.4887



42.1630, -0.0804, 72.6480



85.1520, 0.4181, 146.3257

Inverse Universe

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



83.9100, 0.0444, 32.5279



99.7320, 0.1321, 51.1010



99.5600, 10.5699, -30.3091



57.0220, -0.0108, 3.4887



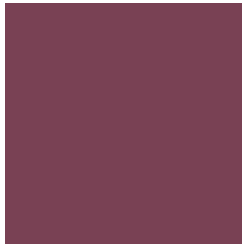
42.1630, -0.0804, 72.6480



85.1520, 0.4181, 146.3257

Previews

White Background



This preview shows how the YUV color 83.9100, 0.0444, 32.5279 looks on a white background.

Color Contrast Check

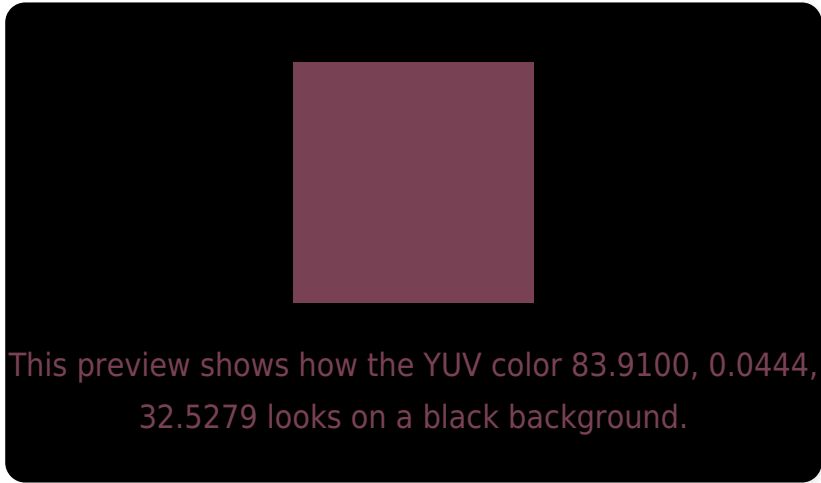
Large Text (above 18pt) WCAG AA ✓ Pass

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 83.9100, 0.0444, 32.5279

Background



This preview shows how black text looks on a background with the YUV color 83.9100, 0.0444, 32.5279.



This preview shows how white text looks on a background with the YUV color 83.9100, 0.0444,

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

83.9100, 0.0444, 32.5279

Protanopia

83.0690, 5.3890, -1.8145

Deuteranopia

83.4030, -1.1847, 6.6626



Tritanopia

83.4170, -5.6286, 32.0833

Trichromacy



Original Color

83.9100, 0.0444, 32.5279

Protanomaly

83.5760, 3.1670, 10.8958

Deuteranomaly

83.8710, -0.9224, 15.8991

Tritanomaly

83.2860, -3.5920, 32.1982

Monochromacy



Original Color

83.9100, 0.0444, 32.5279

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.7780, 0.1094, 11.5957

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.9100, 0.0444, 32.5279 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(121, 65, 84)` looks like.

```
.text, #text, p{  
    color:rgb(121, 65, 84)  
}
```

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(121, 65, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 65, 84) }
```

Border

The CSS property to change the border of an element to YUV 83.9100, 0.0444, 32.5279 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(121, 65, 84) }
```


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

```
.border{ border-color:rgb(121, 65, 84) }
```

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

Here you see how a box with a 4 pixel rgb(121, 65, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 65, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 65, 84);  
box-shadow:4px 4px 4px 4px rgb(121, 65,  
84) }
```

Background

The CSS property to change the background color of an element to YUV 83.9100, 0.0444, 32.5279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 65, 84) }
```

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

```
.background{ background-color: rgb(121, 65,  
84) }
```

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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