

Converting Colors

YUV(83.8250, 12.4113, 32.6025)

Have a look what the booklet for
YUV(83.8250, 12.4113, 32.6025)
contains.

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Color

**YUV(83.8250, 12.4113,
32.6025)**

Conversions

Conversions Part 1

Format	Color
Hex	793C6D
RGB	121, 60, 109
RGB Percent	47%, 24%, 43%
CMY	0.5255, 0.7647, 0.5725
CMYK	0.00, 0.50, 0.10, 0.53
HSL	312°, 34%, 35%
HSV	312°, 50%, 47%
XYZ	12.2613, 8.4008, 15.4433
YIQ	83.8250, 20.6270, 28.1710

Conversions

Conversions Part 2

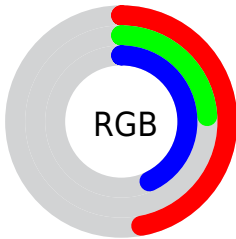
Format	Color
R_{YB}	121, 60, 109
Decimal	7945325
CIE _{Lab}	34.80, 33.66, -16.71
CIE _{LCh}	35, 37.577, 333.600
Yxy	8.4008, 0.3396, 0.2327
Android (android.graphics.Color)	4286135405 (0xFF793C6D)
YUV	83.8250, 12.4113, 32.6025
Hunter-Lab	28.9841, 24.7898, -11.3019

Details

The YUV color **83.8250, 12.4113, 32.6025** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **97.1750, -12.4113, -32.6025**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.2490, 12.6952, 34.8616**, and **33.7540, 13.4323, 31.7877** is the 20% darker color. If you saturate the color by 10%, you get **76.5530, 15.0104, 38.9800**, and if you desaturate by 10%, it is **91.0970, 9.8122, 26.2249**.

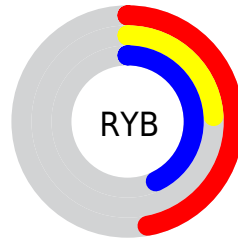
Distribution



Red (47%)

Green (24%)

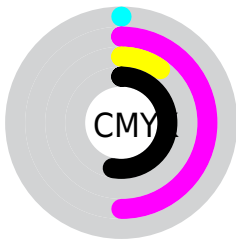
Blue (43%)



Red (47%)

Yellow (24%)

Blue (43%)

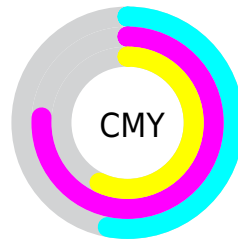


Cyan (0%)

Magenta (50%)

Yellow (10%)

Black (53%)



Cyan (53%)

Magenta (76%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.8250, 12.4113, 32.6025 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 83.8250, 12.4113, 32.6025 by changing the saturation by 10% instead.

83.8250, 12.4113,
32.6025

83.8250, 12.4113,
32.6025

255.0000, 0.0000,
0.0000

59.2270, 12.7061,
31.3729

135.2490, 12.6952,
34.8616

33.7540, 13.4323,
31.7877

161.9610, 12.8372,
35.9912

18.4990, 10.1070,
24.9954

188.6730, 12.9792,
37.1208

7.4340, 5.2090,
9.2664

215.5910, 14.0056,
34.5617

0.0000, 0.0000,
0.0000

233.2810, 10.7075,
19.0476

250.3040, 2.3151,

4.1184

■ 83.8250, 12.4113,
32.6025

■ 83.8250, 12.4113,
32.6025

■ 76.5530, 15.0104,
38.9800

■ 91.0970, 9.8122,
26.2249

■ 69.1670, 17.1727,
45.4575

■ 98.4830, 7.6499,
19.7474

■ 61.8950, 19.7718,
51.8351

■ 105.7550, 5.0508,
13.3699

■ 54.5090, 21.9341,
58.3126

■ 113.1410, 2.8885,
6.8923

■ 47.2370, 24.5332,
64.6902

■ 120.4130, 0.2894,
0.5148

■ 128.2720, -2.5991,
-6.3775

■ 135.6580, -4.7614,
-12.8551

■ 142.9300, -7.3605,
-19.2326

■ 150.2020, -9.9596,
-25.6102

Harmonies

Analogous

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



83.6240, 23.8494, 3.8378



83.8250, 12.4113, 32.6025



81.3680, -1.1674, 47.9123

Triad

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



83.8250, 12.4113, 32.6025



78.0640, -30.5976, 13.9759



69.3480, 22.0134, -60.8182

Complementary

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



83.8250, 12.4113, 32.6025



97.1750, -12.4113, -32.6025

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.



66.0420, 9.3463, -57.9188



83.8250, 12.4113, 32.6025



75.1580, -23.2489, -9.7856

Square

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



83.8250, 12.4113, 32.6025



79.7490, -26.0053, 34.4231



64.9220, -5.3845, -46.4126



69.3940, 32.3438, -60.8585

Rectangle

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



83.8250, 12.4113, 32.6025



80.3760, -10.0454, 48.7822



64.9220, -5.3845, -46.4126



68.3220, 18.0823, -59.9184

Sweetspot

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



83.8250, 12.4113, 32.6025



143.3420, 4.7614, 12.8551



70.2430, 25.0232, 0.6639



70.4400, 2.7411, 7.5071



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.



83.8250, 12.4113, 32.6025



100.0690, 19.1930, 50.8055



80.4050, -0.6927, 35.6018



57.3640, 1.2995, 3.1888



48.7750, 25.2539, 66.8493



98.4900, 51.5234, 134.6283

Inverse Universe

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



83.8250, 12.4113, 32.6025



100.0690, 19.1930, 50.8055



100.5950, 0.6927, -35.6018



57.3640, 1.2995, 3.1888



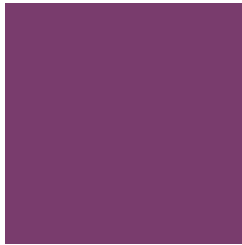
48.7750, 25.2539, 66.8493



98.4900, 51.5234, 134.6283

Previews

White Background



This preview shows how the YUV color 83.8250, 12.4113, 32.6025 looks on a white background.

Color Contrast Check

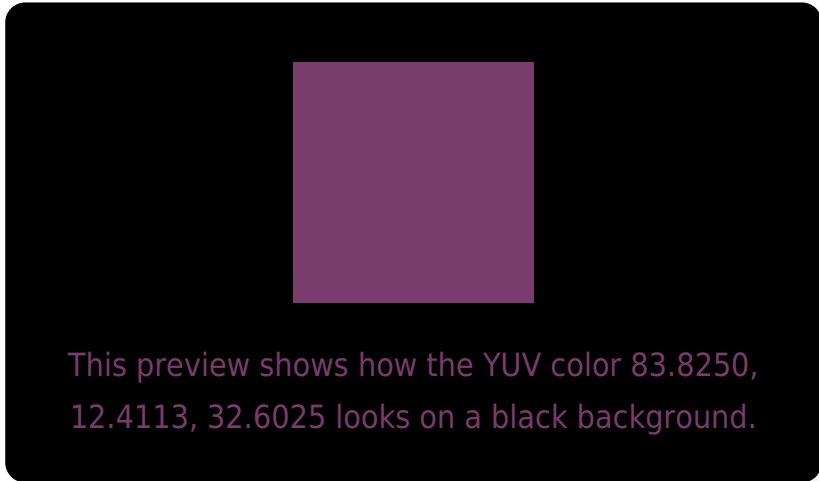
Large Text (above 18pt) WCAG AA ✓ Pass

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

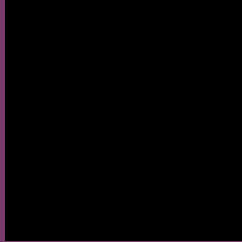
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.8250, 12.4113, 32.6025

Background



This preview shows how black text looks on a background with the YUV color 83.8250, 12.4113, 32.6025.



This preview shows how white text looks on a background with the YUV color 83.8250, 12.4113,

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

83.8250, 12.4113, 32.6025

Protanopia

81.8300, 21.2828, -13.0059

Deuteranopia

82.8390, 10.9254, -4.2438



Tritanopia

83.2210, -5.0390, 29.6242

Trichromacy



Original Color

83.8250, 12.4113, 32.6025

Protanomaly

82.4300, 18.0290, 4.0079

Deuteranomaly

83.0410, 11.3188, 9.6110

Tritanomaly

83.2410, 1.3602, 30.4836

Monochromacy



Original Color

83.8250, 12.4113, 32.6025

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.6300, 4.6194, 11.7255

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.8250, 12.4113, 32.6025 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, 60, 109)` looks like.

```
.text, #text, p{  
    color:rgb(121, 60, 109)  
}
```

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, 60, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 60, 109) }
```

Border

The CSS property to change the border of an element to YUV 83.8250, 12.4113, 32.6025 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, 60, 109) }
```


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

```
.border{ border-color:rgb(121, 60, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 60, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 60, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 60, 109);  
box-shadow:4px 4px 4px 4px rgb(121, 60,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 83.8250, 12.4113, 32.6025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 60, 109) }
```

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

```
.background{ background-color: rgb(121, 60,  
109) }
```

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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