

Converting Colors

YUV(83.2430, 8.2612, 10.3109)

Have a look what the booklet for
YUV(83.2430, 8.2612, 10.3109)
contains.

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Color

**YUV(83.2430, 8.2612,
10.3109)**

Conversions

Conversions Part 1

Format	Color
Hex	5F4A64
RGB	95, 74, 100
RGB Percent	37%, 29%, 39%
CMY	0.6275, 0.7098, 0.6078
CMYK	0.05, 0.26, 0.00, 0.61
HSL	288°, 15%, 34%
HSV	288°, 26%, 39%
XYZ	9.4683, 8.2506, 13.1501
YIQ	83.2430, 4.1700, 12.5380

Conversions

Conversions Part 2

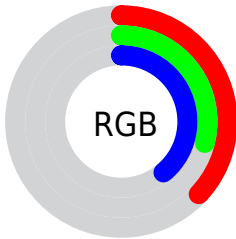
Format	Color
RYB	95, 74, 100
Decimal	6244964
CIELab	34.50, 14.11, -11.79
CIElCh	34, 18.391, 320.121
Yxy	8.2506, 0.3067, 0.2673
Android (android.graphics.Color)	4284435044 (0xFF5F4A64)
YUV	83.2430, 8.2612, 10.3109
Hunter-Lab	28.7238, 8.5731, -7.0370

Details

The YUV color **83.2430, 8.2612, 10.3109** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **90.7570, -8.2612, -10.3109**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.0690, 8.8400, 11.3405**, and **38.0040, 7.3930, 8.7665** is the 20% darker color. If you saturate the color by 10%, you get **76.7750, 11.4499, 14.2293**, and if you desaturate by 10%, it is **89.7110, 5.0725, 6.3925**.

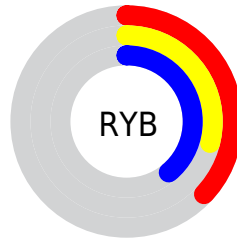
Distribution



Red (37%)

Green (29%)

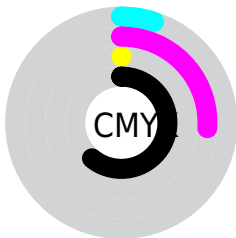
Blue (39%)



Red (37%)

Yellow (29%)

Blue (39%)

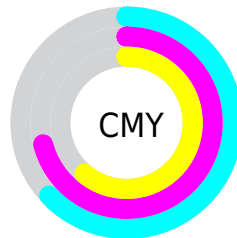


Cyan (5%)

Magenta (26%)

Yellow (0%)

Black (61%)



Cyan (63%)

Magenta (71%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.2430, 8.2612, 10.3109 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 83.2430, 8.2612, 10.3109 by changing the saturation by 10% instead.

83.2430, 8.2612,
10.3109

83.2430, 8.2612,
10.3109

255.0000, 0.0000,
0.0000

59.8300, 7.9718,
9.7961

133.0690, 8.8400,
11.3405

38.0040, 7.3930,
8.7665

159.1830, 9.2768,
11.2405

16.1290, 7.8244,
10.4109

185.8950, 9.4188,
12.3701

0.6840, 2.6208,
-0.5999

213.8950, 9.4188,
12.3701

0.0000, 0.0000,
0.0000

240.9120, 6.9454,
12.3552

83.2430, 8.2612,
10.3109

83.2430, 8.2612,
10.3109

76.7750, 11.4499,
14.2293

89.7110, 5.0725,
6.3925

70.3070, 14.6386,
18.1478

96.1790, 1.8838,
2.4740

63.8390, 17.8274,
22.0662

102.6470, -1.3050,
-1.4444

57.3710, 21.0161,
25.9846

109.1150, -4.4937,
-5.3629

50.9030, 24.2048,
29.9031

115.5830, -7.6824,
-9.2813

44.4350, 27.3935,
33.8215

122.0510,
-10.8711, -13.1997

38.2660, 30.4349,
38.3547

128.2200,
-13.9125, -17.7329

35.6190, 31.7398,

134.6880,

39.7991

-17.1012, -21.6514

■ 141.1560,
-20.2899, -25.5698

Harmonies

Analogous

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



81.4090, 13.1094, -4.7437



83.2430, 8.2612, 10.3109



83.5880, 1.6821, 20.5323

Triad

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



83.2430, 8.2612, 10.3109



81.0050, -14.2995, 13.1506



72.7830, 8.9810, -34.0127

Complementary

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



83.2430, 8.2612, 10.3109



90.7570, -8.2612, -10.3109

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.



74.9600, 0.5127, -24.5209



83.2430, 8.2612, 10.3109



78.9820, -12.8091, 1.7698

Square

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



83.2430, 8.2612, 10.3109



81.8580, -11.2690, 21.1725



77.2730, -7.5296, -11.6404



73.5750, 14.5065, -32.9533

Rectangle

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



83.2430, 8.2612, 10.3109



82.7580, -2.8387, 23.8912



77.2730, -7.5296, -11.6404



73.4090, 6.2074, -31.0537

Sweetspot

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



83.2430, 8.2612, 10.3109



123.5320, 3.1887, 3.9184



79.8990, 9.9098, -5.1734



62.1790, 1.8838, 2.4740



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



83.2430, 8.2612, 10.3109



104.1280, 12.7549, 15.6737



83.8260, 4.0298, 14.1846



47.7660, 1.5944, 1.9592



40.9170, 36.5229, 45.6768



86.1920, 76.8133, 96.3016

Inverse Universe

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



82.3440, -1.6486, 15.4843



102.7580, -2.8387, 23.8912



90.1740, -4.0298, -14.1846



47.6090, -0.3002, 2.9739



36.8930, -7.3422, 68.4998



77.7160, -15.1430, 144.0771

Previews

White Background



This preview shows how the YUV color 83.2430, 8.2612, 10.3109 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



This preview shows how the YUV color 83.2430, 8.2612, 10.3109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

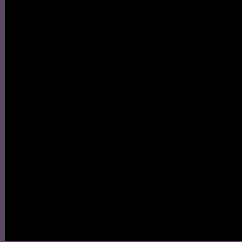
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.2430, 8.2612, 10.3109

Background



This preview shows how black text looks on a background with the YUV color 83.2430, 8.2612, 10.3109.



This preview shows how white text looks on a background with the YUV color 83.2430, 8.2612,

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

83.2430, 8.2612, 10.3109

Protanopia

81.3550, 11.6570, -5.5733

Deuteranopia

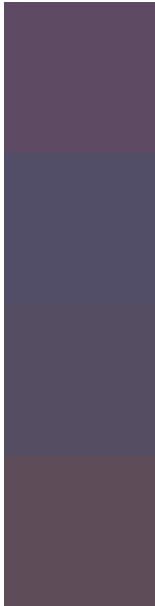
82.1660, 8.2992, -1.8996



Tritanopia

82.4680, 0.2623, 9.2366

Trichromacy



Original Color

83.2430, 8.2612, 10.3109

Protanomaly

82.0460, 10.3303, -0.0403

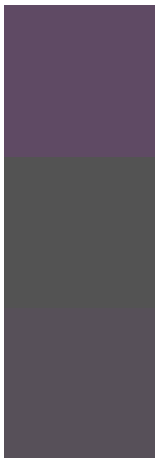
Deuteranomaly

82.4870, 8.1409, 2.2039

Tritanomaly

82.8640, 3.0250, 9.7663

Monochromacy



Original Color

83.2430, 8.2612, 10.3109

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.1190, 2.8993, 3.4036

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.2430, 8.2612, 10.3109 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(95, 74, 100)` looks like.

```
.text, #text, p{  
    color:rgb(95, 74, 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(95, 74, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 74, 100) }
```

Border

The CSS property to change the border of an element to YUV 83.2430, 8.2612, 10.3109 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(95, 74, 100) }
```


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

```
.border{ border-color:rgb(95, 74, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 74, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 74, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 74, 100);  
box-shadow:4px 4px 4px 4px rgb(95, 74,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 83.2430, 8.2612, 10.3109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 74, 100) }
```

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

```
.background{ background-color: rgb(95, 74,  
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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