

Converting Colors

YUV(83.2440, 10.2327, 31.3580)

Have a look what the booklet for
YUV(83.2440, 10.2327, 31.3580)
contains.

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Color

**YUV(83.2440, 10.2327,
31.3580)**

Conversions

Conversions Part 1

Format	Color
Hex	773D68
RGB	119, 61, 104
RGB Percent	47%, 24%, 41%
CMY	0.5333, 0.7608, 0.5922
CMYK	0.00, 0.49, 0.13, 0.53
HSL	316°, 32%, 35%
HSV	316°, 49%, 47%
XYZ	11.7752, 8.2589, 14.0702
YIQ	83.2440, 20.7650, 25.6690

Conversions

Conversions Part 2

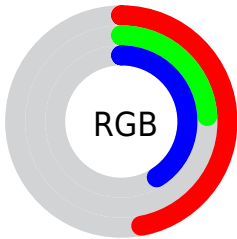
Format	Color
R_{YB}	119, 61, 104
Decimal	7814504
CIE _{Lab}	34.52, 31.51, -14.02
CIE _{LCh}	35, 34.490, 336.021
Yxy	8.2589, 0.3453, 0.2422
Android (android.graphics.Color)	4286004584 (0xFF773D68)
YUV	83.2440, 10.2327, 31.3580
Hunter-Lab	28.7383, 22.8462, -8.9114

Details

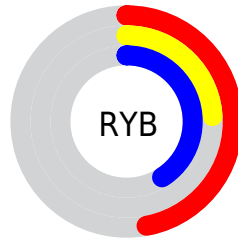
The YUV color **83.2440, 10.2327, 31.3580** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **96.7560, -10.2327, -31.3580**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.9670, 10.3693, 34.2319**, and **34.7600, 10.9643, 30.0285** is the 20% darker color. If you saturate the color by 10%, you get **75.8580, 12.3950, 37.8355**, and if you desaturate by 10%, it is **90.6300, 8.0704, 24.8805**.

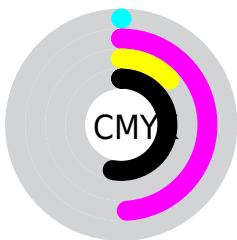
Distribution



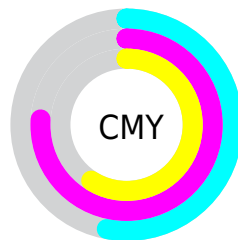
- Red (47%)
- Green (24%)
- Blue (41%)



- Red (47%)
- Yellow (24%)
- Blue (41%)



- Cyan (0%)
- Magenta (49%)
- Yellow (13%)
- Black (53%)



- Cyan (53%)
- Magenta (76%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.2440, 10.2327, 31.3580 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 83.2440, 10.2327, 31.3580 by changing the saturation by 10% instead.

83.2440, 10.2327,
31.3580

83.2440, 10.2327,
31.3580

255.0000, 0.0000,
0.0000

58.6460, 10.5275,
30.1285

133.9670, 10.3693,
34.2319

34.7600, 10.9643,
30.0285

160.3800, 10.6587,
34.7467

17.4450, 8.6546,
24.1657

188.0920, 10.8006,
35.8763

5.7390, 2.5937,
8.1219

214.9070, 11.3848,
35.1616

0.0000, 0.0000,
0.0000

233.8680, 10.4181,
18.5328

250.3040, 2.3151,

4.1184

■ 83.2440, 10.2327,
31.3580

■ 83.2440, 10.2327,
31.3580

■ 75.8580, 12.3950,
37.8355

■ 90.6300, 8.0704,
24.8805

■ 68.4720, 14.5573,
44.3131

■ 98.0160, 5.9081,
18.4030

■ 61.0860, 16.7196,
50.7906

■ 105.4020, 3.7458,
11.9254

■ 53.7000, 18.8819,
57.2681

■ 112.7880, 1.5835,
5.4479

■ 46.9010, 20.7548,
63.2308

■ 119.5870, -0.2894,
-0.5148

■ 45.6130, 20.8968,
64.3604

■ 126.9730, -2.4517,
-6.9923

■ 134.4730, -4.1772,
-13.5698

■ 141.8590, -6.3395,
-20.0473

■ 149.2450, -8.5018,
-26.5249

Harmonies

Analogous

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



83.5380, 20.9338, 5.6672



83.2440, 10.2327, 31.3580



81.4060, -2.1722, 43.4939

Triad

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



83.2440, 10.2327, 31.3580



77.9650, -27.0977, 11.4317



68.0600, 22.1554, -59.6886

Complementary

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



83.2440, 10.2327, 31.3580



96.7560, -10.2327, -31.3580

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.



65.5690, 10.0725, -57.5040



83.2440, 10.2327, 31.3580



74.6570, -20.0439, -11.1002

Square

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



83.2440, 10.2327, 31.3580



79.7700, -24.5366, 30.0197



66.2860, -4.0850, -43.2238



67.7640, 31.1753, -59.4290

Rectangle

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



83.2440, 10.2327, 31.3580



80.5280, -10.6133, 44.2639



66.2860, -4.0850, -43.2238



67.0340, 18.2242, -58.7888

Sweetspot

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



83.2440, 10.2327, 31.3580



141.2280, 4.3246, 12.9550



71.7980, 23.2706, 2.8082



70.3260, 2.3043, 7.6071



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.



83.2440, 10.2327, 31.3580



99.8470, 15.8514, 49.2462



79.9380, -2.4344, 34.2574



55.2500, 0.8628, 3.2888



46.8520, 21.7650, 65.9048



95.8400, 43.9559, 135.1983

Inverse Universe

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



83.2440, 10.2327, 31.3580



99.8470, 15.8514, 49.2462



99.9480, 1.9976, -34.1574



55.2500, 0.8628, 3.2888



46.8520, 21.7650, 65.9048



95.8400, 43.9559, 135.1983

Previews

White Background



This preview shows how the YUV color 83.2440, 10.2327, 31.3580 looks on a white background.

Color Contrast Check

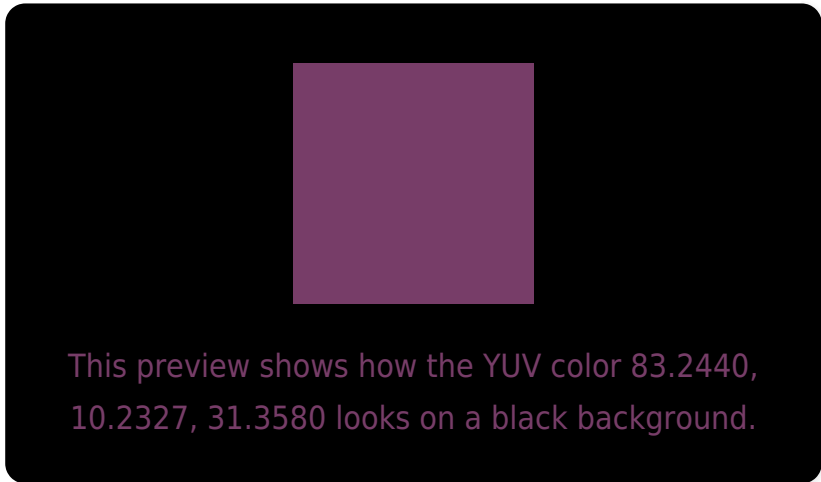
Large Text (above 18pt) WCAG AA ✓ Pass

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

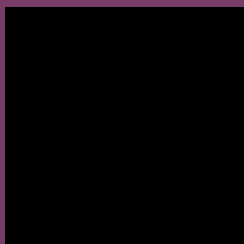
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.2440, 10.2327, 31.3580

Background



This preview shows how black text looks on a background with the YUV color 83.2440, 10.2327, 31.3580.



This preview shows how white text looks on a background with the YUV color 83.2440, 10.2327,

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

83.2440, 10.2327, 31.3580

Protanopia

81.1570, 18.6566, -10.6617

Deuteranopia

82.3940, 9.1728, -2.0995



Tritanopia

82.9220, -4.8915, 29.0094

Trichromacy



Original Color

83.2440, 10.2327, 31.3580

Protanomaly

81.8600, 15.8450, 4.5078

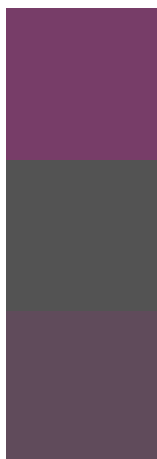
Deuteranomaly

82.5850, 9.5716, 10.0110

Tritanomaly

82.7140, 0.6340, 30.0688

Monochromacy



Original Color

83.2440, 10.2327, 31.3580

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.1030, 3.8932, 11.3107

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.2440, 10.2327, 31.3580 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(119, 61, 104)` looks like.

```
.text, #text, p{  
    color:rgb(119, 61, 104)  
}
```

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(119, 61, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 61, 104) }
```

Border

The CSS property to change the border of an element to YUV 83.2440, 10.2327, 31.3580 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(119, 61, 104) }
```


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

```
.border{ border-color:rgb(119, 61, 104) }
```

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

Here you see how a box with a 4 pixel rgb(119, 61, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 61, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 61, 104);  
box-shadow:4px 4px 4px 4px rgb(119, 61,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 83.2440, 10.2327, 31.3580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 61, 104) }
```

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

```
.background{ background-color: rgb(119, 61,  
104) }
```

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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