

Converting Colors

YUV(83.5310, 31.7832, 25.8443)

Have a look what the booklet for
YUV(83.5310, 31.7832, 25.8443)
contains.

YUV(83.5310, 31.7832, 25.8443)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(83.5310, 31.7832,
25.8443)**

Conversions

Conversions Part 1

Format	Color
Hex	713894
RGB	113, 56, 148
RGB Percent	44%, 22%, 58%
CMY	0.5569, 0.7804, 0.4196
CMYK	0.24, 0.62, 0.00, 0.42
HSL	277°, 45%, 40%
HSV	277°, 62%, 58%
XYZ	13.5695, 8.4772, 28.9380
YIQ	83.5310, 4.4400, 40.6960

Conversions

Conversions Part 2

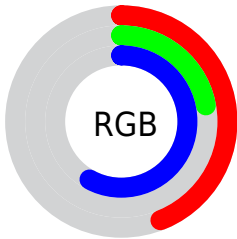
Format	Color
R _Y B	113, 56, 148
Decimal	7420052
CIE Lab	34.96, 41.68, -40.73
CIE LCh	35, 58.276, 315.660
Yxy	8.4772, 0.2661, 0.1663
Android (android.graphics.Color)	4285610132 (0xFF713894)
YUV	83.5310, 31.7832, 25.8443
Hunter-Lab	29.1156, 32.2389, -38.5475

Details

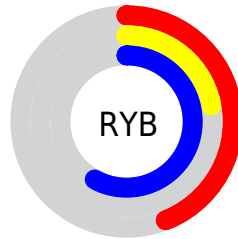
The YUV color **83.5310, 31.7832, 25.8443** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **120.4690, -31.7832, -25.8443**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.2970, 33.3776, 27.8035**, and **31.0580, 32.5094, 26.2591** is the 20% darker color. If you saturate the color by 10%, you get **72.9320, 37.0085, 29.8776**, and if you desaturate by 10%, it is **94.1300, 26.5579, 21.8110**.

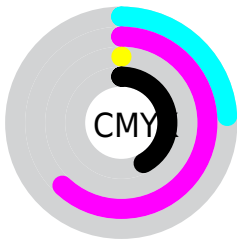
Distribution



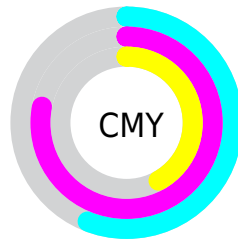
- Red (44%)
- Green (22%)
- Blue (58%)



- Red (44%)
- Yellow (22%)
- Blue (58%)



- Cyan (24%)
- Magenta (62%)
- Yellow (0%)
- Black (42%)



- Cyan (56%)
- Magenta (78%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.5310, 31.7832, 25.8443 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 83.5310, 31.7832, 25.8443 by changing the saturation by 10% instead.

83.5310, 31.7832,
25.8443

83.5310, 31.7832,
25.8443

255.0000, 0.0000,
0.0000

58.1180, 31.4938,
25.3295

135.2970, 33.3776,
27.8035

31.0580, 32.5094,
26.2591

162.1230, 33.9564,
28.8331

18.9720, 26.1428,
14.9336

189.3790, 32.3512,
30.3626

7.0810, 20.6661,
-1.8250

213.8990, 20.2628,
34.2916

3.6650, 11.5042,
-3.2142

231.5200, 11.5756,
20.5920

0.0000, 0.0000,
0.0000

247.9560, 3.4727,

6.1776

■ 83.5310, 31.7832,
25.8443

■ 83.5310, 31.7832,
25.8443

■ 72.9320, 37.0085,
29.8776

■ 94.1300, 26.5579,
21.8110

■ 62.6320, 42.0864,
34.5257

■ 104.4300, 21.4800,
17.1629

■ 52.6200, 47.0223,
38.0443

■ 114.4420, 16.5441,
13.6444

■ 44.3800, 51.0847,
41.7627

■ 125.0410, 11.3188,
9.6110

■ 135.3410, 6.2409,
4.9629

■ 145.9400, 1.0156,
0.9296

■ 156.2400, -4.0623,
-3.7185

■ 166.2520, -8.9982,
-7.2370

■ 176.8510,
-14.2235, -11.2703

Harmonies

Analogous

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



66.6820, 52.4148, -58.4801



83.5310, 31.7832, 25.8443



72.3210, 17.0967, 69.8785

Triad

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



83.5310, 31.7832, 25.8443



77.8450, -38.3776, 36.0929



71.9580, 16.7827, -63.1072

Complementary

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



83.5310, 31.7832, 25.8443



120.4690, -31.7832, -25.8443

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.



65.7850, -4.3310, -57.6934



83.5310, 31.7832, 25.8443



74.9780, -36.9642, 2.6503

Square

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



83.5310, 31.7832, 25.8443



74.0240, -29.5918, 64.8770



57.9610, -28.0818, -46.4468



76.1590, 35.4176, -66.7914

Rectangle

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



83.5310, 31.7832, 25.8443



65.3200, 5.2652, 84.7884



57.9610, -28.0818, -46.4468



70.1340, 9.7939, -61.5075

Sweetspot

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



83.5310, 31.7832, 25.8443



165.6820, 12.4818, 9.9259



87.0330, 30.0567, -27.2159



81.3950, 7.6933, 5.7926



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



83.5310, 31.7832, 25.8443



90.9130, 49.3429, 40.4183



92.7420, 21.8192, 48.4613



68.9940, 2.4680, 1.7593



41.1470, 47.7485, 38.4591



2.9340, 3.4835, 2.6889

Inverse Universe

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



87.4980, 1.7265, 53.0603



96.9130, 2.5079, 82.5143



111.2580, -21.8192, -48.4613



69.3210, -0.1583, 4.1035



47.1900, 2.3713, 79.6404



3.4460, 0.2731, 5.7479

Previews

White Background



This preview shows how the YUV color 83.5310, 31.7832, 25.8443 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 83.5310, 31.7832, 25.8443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

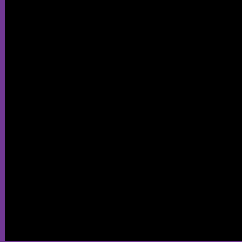
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.5310, 31.7832, 25.8443

Background



This preview shows how black text looks on a background with the YUV color 83.5310, 31.7832, 25.8443.



This preview shows how white text looks on a background with the YUV color 83.5310, 31.7832,

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

83.5310, 31.7832, 25.8443

Protanopia

66.3400, 51.1044, -58.1802

Deuteranopia

76.3740, 32.8466, -35.4080



Tritanopia

83.7570, -1.3592, 15.9991

Trichromacy



Original Color

83.5310, 31.7832, 25.8443

Protanomaly

72.4040, 44.1708, -27.5413

Deuteranomaly

79.1040, 32.4867, -13.2462

Tritanomaly

83.5800, 10.5601, 19.6623

Monochromacy



Original Color

83.5310, 31.7832, 25.8443

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.0410, 11.3188, 9.6110

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.5310, 31.7832, 25.8443 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(113, 56, 148)` looks like.

```
.text, #text, p{  
    color:rgb(113, 56, 148)  
}
```

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(113, 56, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 56, 148) }
```

Border

The CSS property to change the border of an element to YUV 83.5310, 31.7832, 25.8443 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(113, 56, 148) }
```


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

```
.border{ border-color:rgb(113, 56, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 56, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 56, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 56, 148);  
box-shadow:4px 4px 4px 4px rgb(113, 56,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 83.5310, 31.7832, 25.8443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 56, 148) }
```

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

```
.background{ background-color: rgb(113, 56,  
148) }
```

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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