

Converting Colors

YUV(78.6920, 24.3088, 43.2431)

Have a look what the booklet for
YUV(78.6920, 24.3088, 43.2431)
contains.

YUV(78.6920, 24.3088, 43.2431)	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(78.6920, 24.3088,
43.2431)**

Conversions

Conversions Part 1

Format	Color
Hex	802C80
RGB	128, 44, 128
RGB Percent	50%, 17%, 50%
CMY	0.4980, 0.8275, 0.4980
CMYK	0.00, 0.66, 0.00, 0.50
HSL	300°, 49%, 34%
HSV	300°, 66%, 50%
XYZ	13.6991, 7.9491, 21.2344
YIQ	78.6920, 23.1000, 43.9320

Conversions

Conversions Part 2

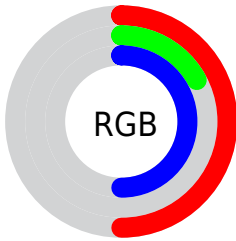
Format	Color
R_{YB}	128, 44, 128
Decimal	8400000
CIE _{Lab}	33.88, 47.17, -29.99
CIE _{LCh}	34, 55.893, 327.553
Yxy	7.9491, 0.3195, 0.1854
Android (android.graphics.Color)	4286590080 (0xFF802C80)
YUV	78.6920, 24.3088, 43.2431
Hunter-Lab	28.1941, 37.3906, -24.9184

Details

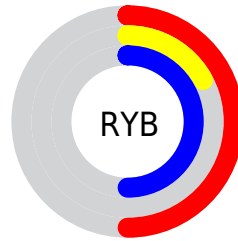
The YUV color **78.6920, 24.3088, 43.2431** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **93.3080, -24.3088, -43.2431**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.7030, 24.3034, 44.9875**, and **31.3170, 23.0147, 38.3100** is the 20% darker color. If you saturate the color by 10%, you get **71.0610, 28.0709, 49.9355**, and if you desaturate by 10%, it is **86.3230, 20.5468, 36.5507**.

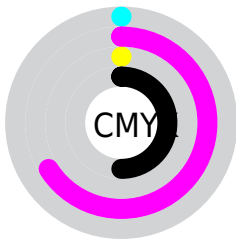
Distribution



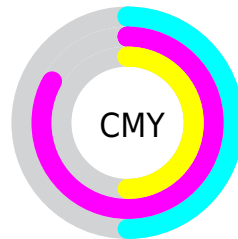
- Red (50%)
- Green (17%)
- Blue (50%)



- Red (50%)
- Yellow (17%)
- Blue (50%)



- Cyan (0%)
- Magenta (66%)
- Yellow (0%)
- Black (50%)



- Cyan (50%)
- Magenta (83%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.6920, 24.3088, 43.2431 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 78.6920, 24.3088, 43.2431 by changing the saturation by 10% instead.

■ 78.6920, 24.3088,
43.2431

■ 78.6920, 24.3088,
43.2431

■ 255.0000, 0.0000,
0.0000

■ 49.5720, 26.3400,
45.1024

■ 131.7030, 24.3034,
44.9875

■ 31.3170, 23.0147,
38.3100

■ 159.4150, 24.4454,
46.1170

■ 21.5190, 16.5061,
25.8548

■ 187.1270, 24.5874,
47.2466

■ 10.9380, 10.8766,
11.4554

■ 209.2140, 22.5725,
40.1543

■ 0.5700, 2.1840,
-0.4999

■ 225.6500, 14.4696,
25.7400

■ 0.0000, 0.0000,
0.0000

■ 242.6730, 6.0772,

10.8108

■ 78.6920, 24.3088,
43.2431

■ 78.6920, 24.3088,
43.2431

■ 71.0610, 28.0709,
49.9355

■ 86.3230, 20.5468,
36.5507

■ 63.4300, 31.8330,
56.6279

■ 93.9540, 16.7847,
29.8583

■ 56.3860, 35.3057,
62.8055

■ 100.9980, 13.3120,
23.6808

■ 52.8640, 37.0420,
65.8943

■ 108.6290, 9.5499,
16.9884

■ 116.2600, 5.7878,
10.2960

■ 123.8910, 2.0257,
3.6036

■ 131.5220, -1.7363,
-3.0888

■ 138.5660, -5.2090,
-9.2664

■ 146.1970, -8.9711,
-15.9588

Harmonies

Analogous

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



78.0640, 39.9014, -11.4571



78.6920, 24.3088, 43.2431



66.5900, 9.0761, 75.7816

Triad

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



78.6920, 24.3088, 43.2431



75.3980, -37.1712, 22.4530



71.7930, 23.7661, -62.9625

Complementary

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



78.6920, 24.3088, 43.2431



93.3080, -24.3088, -43.2431

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.



66.0760, 4.3995, -57.9487



78.6920, 24.3088, 43.2431



69.2860, -34.1580, -10.7748

Square

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



78.6920, 24.3088, 43.2431



73.2260, -36.1004, 52.4218



58.8430, -15.6986, -51.6053



74.0220, 39.9222, -64.9173

Rectangle

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



78.6920, 24.3088, 43.2431



66.5290, -5.1908, 78.4661



58.8430, -15.6986, -51.6053



70.0830, 17.2141, -61.4628

Sweetspot

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



78.6920, 24.3088, 43.2431



146.6290, 9.5499, 16.9884



53.5760, 36.6910, -8.3982



72.2600, 5.7878, 10.2960



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



78.6920, 24.3088, 43.2431



89.1030, 37.9102, 67.4387



73.9040, 5.9633, 47.4422



59.8910, 2.0257, 3.6036



52.8640, 37.0420, 65.8943



0.0000, 0.0000, 0.0000

Inverse Universe

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



78.6920, 24.3088, 43.2431



89.1030, 37.9102, 67.4387



98.0960, -5.9633, -47.4422



59.8910, 2.0257, 3.6036



52.8640, 37.0420, 65.8943



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 78.6920, 24.3088, 43.2431 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 78.6920, 24.3088, 43.2431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

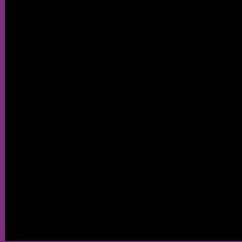
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.6920, 24.3088, 43.2431

Background



This preview shows how black text looks on a background with the YUV color 78.6920, 24.3088, 43.2431.



This preview shows how white text looks on a background with the YUV color 78.6920, 24.3088,

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

78.6920, 24.3088, 43.2431

Protanopia

72.3980, 43.1878, -38.9370

Deuteranopia

79.1070, 21.1462, -15.8798



Tritanopia

80.7980, -6.8024, 35.2572

Trichromacy



Original Color

78.6920, 24.3088, 43.2431

Protanomaly

74.7500, 36.1123, -9.4277

Deuteranomaly

78.8800, 22.2442, 5.3672

Tritanomaly

80.0940, 4.3907, 38.5056

Monochromacy



Original Color

78.6920, 24.3088, 43.2431

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.8030, 8.9711, 15.9588

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.6920, 24.3088, 43.2431 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(128, 44, 128)` looks like.

```
.text, #text, p{  
  color:rgb(128, 44, 128)  
}
```

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(128, 44, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 44, 128) }
```

Border

The CSS property to change the border of an element to YUV 78.6920, 24.3088, 43.2431 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(128, 44, 128) }
```


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

```
.border{ border-color:rgb(128, 44, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 44, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 44, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 44, 128);  
box-shadow:4px 4px 4px 4px rgb(128, 44,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 78.6920, 24.3088, 43.2431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 44, 128) }
```

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

```
.background{ background-color: rgb(128, 44,  
128) }
```

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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