

Converting Colors

YUV(88.3600, 24.4725, 37.3953)

Have a look what the booklet for
YUV(88.3600, 24.4725, 37.3953)
contains.

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Color

**YUV(88.3600, 24.4725,
37.3953)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 83398A |
| RGB | 131, 57, 138 |
| RGB Percent | 51%, 22%, 54% |
| CMY | 0.4863, 0.7765, 0.4588 |
| CMYK | 0.05, 0.59, 0.00, 0.46 |
| HSL | 295°, 42%, 38% |
| HSV | 295°, 59%, 54% |
| XYZ | 15.4106, 9.5865, 25.0829 |
| YIQ | 88.3600, 18.1030, 40.8790 |

Conversions

Conversions Part 2

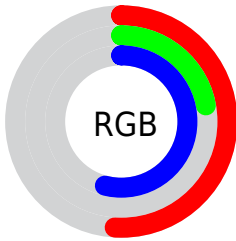
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 131, 57, 138 |
| Decimal | 8599946 |
| CIE _{Lab} | 37.09, 43.81, -31.07 |
| CIE _{LCh} | 37, 53.708, 324.656 |
| Yxy | 9.5865, 0.3077, 0.1914 |
| Android (android.graphics.Color) | 4286790026 (0xFF83398A) |
| YUV | 88.3600, 24.4725, 37.3953 |
| Hunter-Lab | 30.9621, 34.6604, -26.3583 |

Details

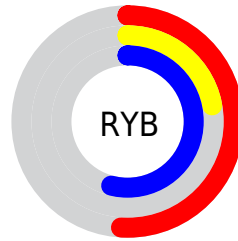
The YUV color **88.3600, 24.4725, 37.3953** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **106.6400, -24.4725, -37.3953**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.8980, 25.1933, 39.5545**, and **33.6530, 26.7931, 39.7693** is the 20% darker color. If you saturate the color by 10%, you get **79.8430, 28.6714, 43.9877**, and if you desaturate by 10%, it is **96.8770, 20.2736, 30.8029**.

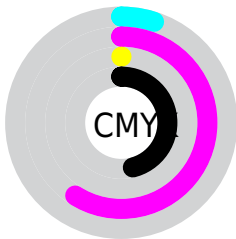
Distribution



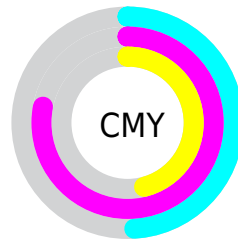
- Red (51%)
- Green (22%)
- Blue (54%)



- Red (51%)
- Yellow (22%)
- Blue (54%)



- Cyan (5%)
- Magenta (59%)
- Yellow (0%)
- Black (46%)



- Cyan (49%)
- Magenta (78%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.3600, 24.4725, 37.3953 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 88.3600, 24.4725, 37.3953 by changing the saturation by 10% instead.

88.3600, 24.4725,
37.3953

88.3600, 24.4725,
37.3953

255.0000, 0.0000,
0.0000

62.3600, 24.4725,
37.3953

140.8980, 25.1933,
39.5545

33.6530, 26.7931,
39.7693

168.3110, 25.4827,
40.0693

23.4420, 19.9951,
26.7994

196.4360, 25.9141,
41.7136

14.2420, 13.1917,
15.5738

216.2580, 19.0998,
33.9767

2.7530, 8.0098,
-2.4144

233.2810, 10.7075,
19.0476

0.0000, 0.0000,
0.0000

250.3040, 2.3151,

4.1184

■ 88.3600, 24.4725,
37.3953

■ 88.3600, 24.4725,
37.3953

■ 79.8430, 28.6714,
43.9877

■ 96.8770, 20.2736,
30.8029

■ 71.3260, 32.8703,
50.5801

■ 105.3940, 16.0748,
24.2105

■ 63.0970, 36.9272,
56.0429

■ 113.6230, 12.0179,
18.7476

■ 54.5800, 41.1261,
62.6353

■ 122.1400, 7.8190,
12.1552

■ 53.4060, 41.7048,
63.6649

■ 130.6570, 3.6201,
5.5628

■ 139.1740, -0.5788,
-1.0296

■ 147.6910, -4.7777,
-7.6220

■ 155.9200, -8.8346,
-13.0848

■ 164.4370,
-13.0334, -19.6772

Harmonies

Analogous

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



85.4440, 40.2071, -16.1754



88.3600, 24.4725, 37.3953



80.9050, 7.9348, 68.4893

Triad

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



88.3600, 24.4725, 37.3953



82.5080, -40.6764, 26.7415



76.1300, 22.6139, -66.7660

Complementary

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



88.3600, 24.4725, 37.3953



106.6400, -24.4725, -37.3953

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.



71.1140, 3.3948, -62.3670



88.3600, 24.4725, 37.3953



77.2930, -38.1054, -4.6420

Square

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



88.3600, 24.4725, 37.3953



81.9920, -34.5061, 54.3810



64.2230, -15.3929, -56.3236



78.4730, 39.2068, -68.8208

Rectangle

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



88.3600, 24.4725, 37.3953



78.7950, -5.3219, 73.8478



64.2230, -15.3929, -56.3236



75.1210, 16.2093, -65.8811

Sweetspot

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



88.3600, 24.4725, 37.3953



158.7320, 9.9921, 15.1440



70.9300, 33.0655, -12.2166



77.5480, 5.6458, 9.1664



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



88.3600, 24.4725, 37.3953



102.3360, 37.7954, 57.5873



86.8050, 9.4631, 44.8980



64.5920, 2.1731, 2.9888



51.3410, 40.2579, 61.0909



2.0650, 1.4470, 2.5740

Inverse Universe

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



82.0170, -8.8824, 49.0971



92.5150, -14.0579, 75.8473



108.1950, -9.4631, -44.8980



64.2070, -0.5951, 4.2035



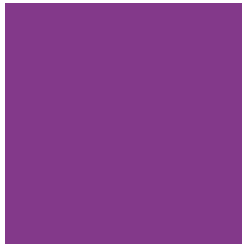
41.0210, -14.8004, 80.6656



1.4950, -0.7370, 3.0739

Previews

White Background



This preview shows how the YUV color 88.3600, 24.4725, 37.3953 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 88.3600, 24.4725, 37.3953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

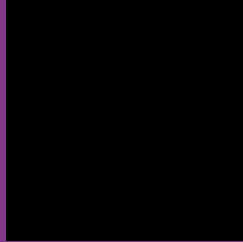
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.3600, 24.4725, 37.3953

Background



This preview shows how black text looks on a background with the YUV color 88.3600, 24.4725, 37.3953.



This preview shows how white text looks on a background with the YUV color 88.3600, 24.4725,

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

88.3600, 24.4725, 37.3953

Protanopia

82.3450, 40.2559, -31.8746

Deuteranopia

86.8510, 22.7515, -17.4093



Tritanopia

88.6340, -4.7496, 30.1390

Trichromacy



Original Color

88.3600, 24.4725, 37.3953

Protanomaly

84.7180, 34.6490, -6.7687

Deuteranomaly

87.4990, 23.4180, 2.1934

Tritanomaly

88.4030, 5.7173, 32.9726

Monochromacy



Original Color

88.3600, 24.4725, 37.3953

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.3790, 8.6872, 13.6996

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.3600, 24.4725, 37.3953 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(131, 57, 138)` looks like.

```
.text, #text, p{  
    color:rgb(131, 57, 138)  
}
```

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(131, 57, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 57, 138) }
```

Border

The CSS property to change the border of an element to YUV 88.3600, 24.4725, 37.3953 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(131, 57, 138) }
```


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

```
.border{ border-color:rgb(131, 57, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 57, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 57, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 57, 138);  
box-shadow:4px 4px 4px 4px rgb(131, 57,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 88.3600, 24.4725, 37.3953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 57, 138) }
```

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

```
.background{ background-color: rgb(131, 57,  
138) }
```

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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