

Converting Colors

YUV(88.1100, 0.4388, 92.8655)

Have a look what the booklet for
YUV(88.1100, 0.4388, 92.8655)
contains.

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Color

**YUV(88.1100, 0.4388,
92.8655)**

Conversions

Conversions Part 1

Format	Color
Hex	C22259
RGB	194, 34, 89
RGB Percent	76%, 13%, 35%
CMY	0.2392, 0.8667, 0.6510
CMYK	0.00, 0.82, 0.54, 0.24
HSL	339°, 70%, 45%
HSV	339°, 82%, 76%
XYZ	24.6233, 13.3347, 10.7272
YIQ	88.1100, 77.7050, 51.0250

Conversions

Conversions Part 2

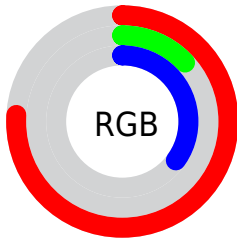
Format	Color
R_{YB}	194, 34, 89
Decimal	12722777
CIE Lab	43.26, 63.30, 9.81
CIE LCh	43, 64.052, 8.806
Yxy	13.3347, 0.5058, 0.2739
Android (android.graphics.Color)	4290912857 (0xFFC22259)
YUV	88.1100, 0.4388, 92.8655
Hunter-Lab	36.5167, 56.4592, 8.1444

Details

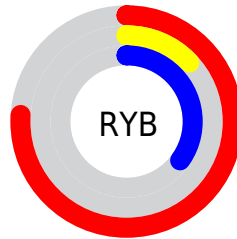
The YUV color **88.1100, 0.4388, 92.8655** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **139.8900, -0.4388, -92.8655**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.0300, -4.9448, 92.9357**, and **45.0820, -0.5334, 77.9811** is the 20% darker color. If you saturate the color by 10%, you get **75.4750, 0.2588, 103.9464**, and if you desaturate by 10%, it is **100.7450, 0.6187, 81.7846**.

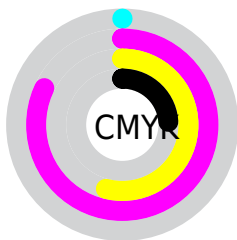
Distribution



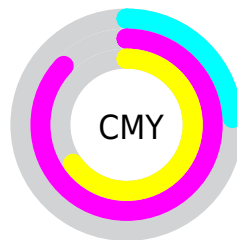
- Red (76%)
- Green (13%)
- Blue (35%)



- Red (76%)
- Yellow (13%)
- Blue (35%)



- Cyan (0%)
- Magenta (82%)
- Yellow (54%)
- Black (24%)





- Cyan (24%)
- Magenta (87%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.1100, 0.4388, 92.8655 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 88.1100, 0.4388, 92.8655 by changing the saturation by 10% instead.


 88.1100, 0.4388,
92.8655


 88.1100, 0.4388,
92.8655


255.0000, 0.0000,
0.0000


 56.5600, 4.6539,
94.2249


 149.0300, -4.9448,
92.9357


 45.0820, -0.5334,
77.9811


 169.0170, -1.9804,
75.4071

 33.8320, -4.8472,
61.5373

 189.1180, 1.4208,
57.7785

 22.9520, -10.3293,
46.5231

 208.7460, 5.5482,
40.5648

 13.9820, -5.9071,
28.0798

 229.5480, 9.0968,
22.3214

 0.0000, 0.0000,
0.0000

 247.3690, 3.7621,

6.6924

■ 88.1100, 0.4388,
92.8655

■ 88.1100, 0.4388,
92.8655

■ 75.4750, 0.2588,
103.9464

■ 100.7450, 0.6187,
81.7846

■ 65.6440, 0.6685,
112.5682

■ 113.8530, 0.0725,
70.2889

■ 126.4880, 0.2524,
59.2080

■ 139.7100, 0.1430,
47.6123

■ 152.3450, 0.3229,
36.5314

■ 164.8660, 0.0661,
25.5505

■ 178.0880, -0.0434,
13.9548

■ 190.7230, 0.1366,
2.8739

■ 203.9450, 0.0271,
-8.7218

Harmonies

Analogous

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



97.5750, 21.9015, 68.7787



88.1100, 0.4388, 92.8655



93.3940, -27.3092, 79.4615

Triad

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



88.1100, 0.4388, 92.8655



83.3300, -41.0817, -30.1074



92.2940, 54.0851, -80.9418

Complementary

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



88.1100, 0.4388, 92.8655



139.8900, -0.4388, -92.8655

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.



91.9400, 37.4976, -80.6314



88.1100, 0.4388, 92.8655



79.1550, -8.9504, -69.4189

Square

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



88.1100, 0.4388, 92.8655



94.5250, -46.6008, 13.5716



86.7130, 14.9315, -76.0473



84.7600, 60.7573, -74.3345

Rectangle

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



88.1100, 0.4388, 92.8655



94.8330, -46.7527, 62.4135



86.7130, 14.9315, -76.0473



93.0290, 49.2857, -81.5864

Sweetspot

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



88.1100, 0.4388, 92.8655



210.3450, 0.3229, 36.5314



83.3360, 54.5574, 47.9403



102.1430, -0.0705, 22.6766



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



88.1100, 0.4388, 92.8655



87.1410, 0.4235, 144.5813



95.9280, -30.5305, 86.0091



90.4460, 0.2731, 5.7479



54.4090, 0.2914, 93.4803



11.1210, -0.0597, 19.1879

Inverse Universe

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



88.1100, 0.4388, 92.8655



87.1410, 0.4235, 144.5813



132.0720, 30.5305, -86.0091



90.4460, 0.2731, 5.7479



54.4090, 0.2914, 93.4803



11.1210, -0.0597, 19.1879

Previews

White Background



This preview shows how the YUV color 88.1100, 0.4388, 92.8655 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 × Fail

Black Background



This preview shows how the YUV color 88.1100, 0.4388, 92.8655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

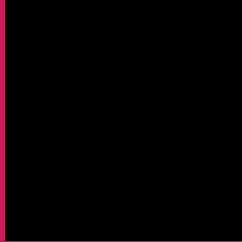
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.1100, 0.4388, 92.8655

Background



This preview shows how black text looks on a background with the YUV color 88.1100, 0.4388, 92.8655.



This preview shows how white text looks on a background with the YUV color 88.1100, 0.4388,

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

88.1100, 0.4388, 92.8655

Protanopia

103.4970, 9.6150, -3.9439

Deuteranopia

103.5260, -11.1053, 15.3247



Tritanopia

89.7680, -21.0846, 89.6575

Trichromacy



Original Color

88.1100, 0.4388, 92.8655

Protanomaly

97.9190, 6.4489, 31.6430

Deuteranomaly

97.8530, -6.8295, 43.9789

Tritanomaly

89.4290, -13.5225, 90.8318

Monochromacy



Original Color

88.1100, 0.4388, 92.8655

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.9210, 0.0389, 34.2723

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.1100, 0.4388, 92.8655 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(194, 34, 89)` looks like.

```
.text, #text, p{  
    color:rgb(194, 34, 89)  
}
```

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(194, 34, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 34, 89) }
```

Border

The CSS property to change the border of an element to YUV 88.1100, 0.4388, 92.8655 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(194, 34, 89) }
```


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

```
.border{ border-color:rgb(194, 34, 89) }
```

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

Here you see how a box with a 4 pixel rgb(194, 34, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 34, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 34, 89);  
box-shadow:4px 4px 4px 4px rgb(194, 34,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 88.1100, 0.4388, 92.8655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 34, 89) }
```

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

```
.background{ background-color: rgb(194, 34,  
89) }
```

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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