

Converting Colors

YUV(84.3900, 2.2727, 64.5560)

Have a look what the booklet for
YUV(84.3900, 2.2727, 64.5560)
contains.

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Color

**YUV(84.3900, 2.2727,
64.5560)**

Conversions

Conversions Part 1

Format	Color
Hex	9E2E59
RGB	158, 46, 89
RGB Percent	62%, 18%, 35%
CMY	0.3804, 0.8196, 0.6510
CMYK	0.00, 0.71, 0.44, 0.38
HSL	337°, 55%, 40%
HSV	337°, 71%, 62%
XYZ	16.8807, 9.9444, 10.4809
YIQ	84.3900, 52.9490, 37.1170

Conversions

Conversions Part 2

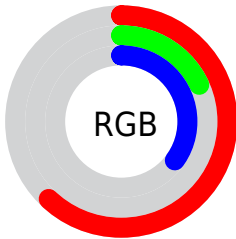
Format	Color
R_{YB}	158, 46, 89
Decimal	10366553
CIE _{Lab}	37.74, 49.40, 1.00
CIE _{LCh}	38, 49.414, 1.160
Yxy	9.9444, 0.4525, 0.2666
Android (android.graphics.Color)	4288556633 (0xFF9E2E59)
YUV	84.3900, 2.2727, 64.5560
Hunter-Lab	31.5347, 40.3665, 2.3685

Details

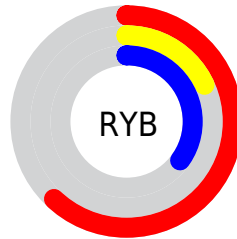
The YUV color **84.3900, 2.2727, 64.5560** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **119.6100, -2.2727, -64.5560**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.1300, -0.0641, 67.4150**, and **35.5140, 4.1836, 58.3082** is the 20% darker color. If you saturate the color by 10%, you get **73.8580, 2.5350, 73.7925**, and if you desaturate by 10%, it is **94.9220, 2.0105, 55.3194**.

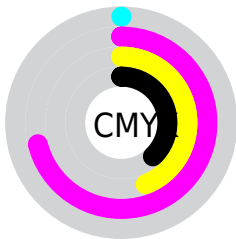
Distribution



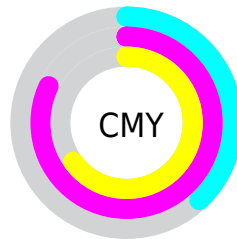
- Red (62%)
- Green (18%)
- Blue (35%)



- Red (62%)
- Yellow (18%)
- Blue (35%)



- Cyan (0%)
- Magenta (71%)
- Yellow (44%)
- Black (38%)



- Cyan (38%)
- Magenta (82%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.3900, 2.2727, 64.5560 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 84.3900, 2.2727, 64.5560 by changing the saturation by 10% instead.

■ 84.3900, 2.2727,
64.5560

■ 84.3900, 2.2727,
64.5560

■ 255.0000, 0.0000,
0.0000

■ 53.4380, 6.1931,
67.1449

■ 139.1300, -0.0641,
67.4150

■ 35.5140, 4.1836,
58.3082

■ 166.9130, -0.9431,
69.3593

■ 24.8620, -0.4250,
43.0940

■ 189.1180, 1.4208,
57.7785

■ 15.1780, -6.4968,
30.5389

■ 208.7460, 5.5482,
40.5648

■ 0.0000, 0.0000,
0.0000

■ 228.3740, 9.6756,
23.3510

■ 246.1950, 4.3409,

7.7220

■ 84.3900, 2.2727,
64.5560

■ 84.3900, 2.2727,
64.5560

■ 73.8580, 2.5350,
73.7925

■ 94.9220, 2.0105,
55.3194

■ 63.4400, 3.2341,
82.9291

■ 105.3400, 1.3114,
46.1828

■ 54.1960, 3.3544,
91.0361

■ 115.2850, 1.3385,
37.4611

■ 125.8170, 1.0762,
28.2245

■ 136.3490, 0.8139,
18.9879

■ 146.7670, 0.1149,
9.8513

■ 157.2990, -0.1474,
0.6148

■ 167.2440, -0.1203,
-8.1070

■ 177.7760, -0.3826,
-17.3436

Harmonies

Analogous

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



89.6010, 18.9307, 41.5689



84.3900, 2.2727, 64.5560



84.0420, -16.7827, 63.1072

Triad

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



84.3900, 2.2727, 64.5560



77.9440, -35.4684, -10.4749



78.5870, 39.6436, -68.9208

Complementary

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



84.3900, 2.2727, 64.5560



119.6100, -2.2727, -64.5560

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.



77.5150, 25.3821, -67.9807



84.3900, 2.2727, 64.5560



66.5200, -9.1304, -58.3380

Square

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



84.3900, 2.2727, 64.5560



83.3500, -41.0915, 19.8641



72.9550, 7.9102, -63.9815



73.8570, 46.9055, -64.7726

Rectangle

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



84.3900, 2.2727, 64.5560



85.0610, -29.1171, 52.5665



72.9550, 7.9102, -63.9815



78.2620, 35.8598, -68.6358

Sweetspot

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



84.3900, 2.2727, 64.5560



178.0940, 0.9397, 25.3506



78.8010, 39.0451, 29.9925



87.2130, 0.3880, 15.5992



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



84.3900, 2.2727, 64.5560



91.2620, 3.3218, 101.5022



85.9450, -19.6929, 63.1922



73.7340, 0.1311, 4.6183



49.0270, 2.9447, 82.4143



5.1690, 0.4097, 8.6218

Inverse Universe

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



84.3900, 2.2727, 64.5560



91.2620, 3.3218, 101.5022



118.0550, 19.6929, -63.1922



73.7340, 0.1311, 4.6183



49.0270, 2.9447, 82.4143



5.1690, 0.4097, 8.6218

Previews

White Background



This preview shows how the YUV color 84.3900, 2.2727, 64.5560 looks on a white background.

Color Contrast Check

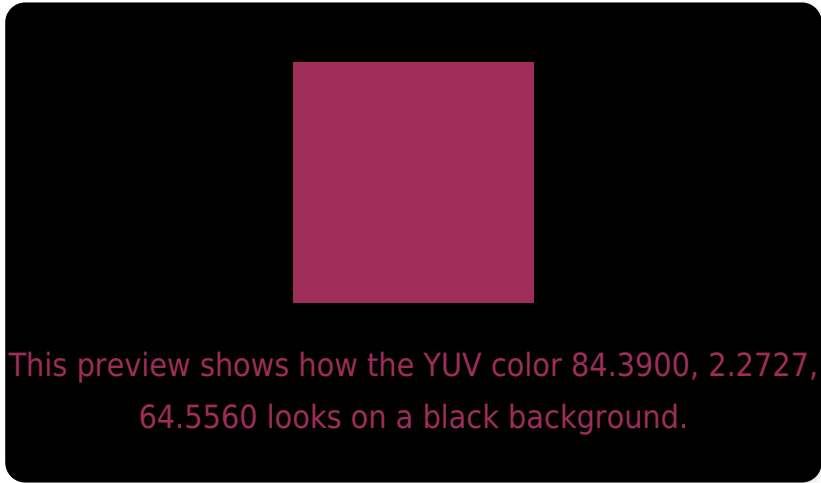
Large Text (above 18pt) WCAG AA ✓ Pass

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

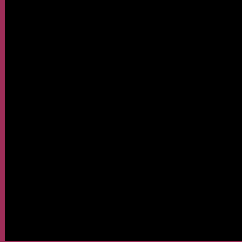
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.3900, 2.2727, 64.5560

Background



This preview shows how black text looks on a background with the YUV color 84.3900, 2.2727, 64.5560.



This preview shows how white text looks on a background with the YUV color 84.3900, 2.2727,

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

84.3900, 2.2727, 64.5560

Protanopia

90.1700, 12.2412, -6.2881

Deuteranopia

90.7300, -3.8109, 9.0068



Tritanopia

84.8400, -13.7251, 62.4073

Trichromacy



Original Color

84.3900, 2.2727, 64.5560

Protanomaly

87.8250, 8.9603, 19.4475

Deuteranomaly

88.4320, -1.6920, 29.4391

Tritanomaly

84.7460, -7.7628, 63.3668

Monochromacy



Original Color

84.3900, 2.2727, 64.5560

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.0830, 0.9451, 23.6062

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.3900, 2.2727, 64.5560 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(158, 46, 89)` looks like.

```
.text, #text, p{  
    color:rgb(158, 46, 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(158, 46, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 46, 89) }
```

Border

The CSS property to change the border of an element to YUV 84.3900, 2.2727, 64.5560 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(158, 46, 89) }
```


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

```
.border{ border-color:rgb(158, 46, 89) }
```

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

Here you see how a box with a 4 pixel rgb(158, 46, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 46, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 46, 89);  
box-shadow:4px 4px 4px 4px rgb(158, 46,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 84.3900, 2.2727, 64.5560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 46, 89) }
```

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

```
.background{ background-color: rgb(158, 46,  
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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