

Converting Colors

YUV(86.3460, 2.2944, 57.5786)

Have a look what the booklet for
YUV(86.3460, 2.2944, 57.5786)
contains.

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Color

**YUV(86.3460, 2.2944,
57.5786)**

Conversions

Conversions Part 1

Format	Color
Hex	98345B
RGB	152, 52, 91
RGB Percent	60%, 20%, 36%
CMY	0.4039, 0.7961, 0.6431
CMYK	0.00, 0.66, 0.40, 0.40
HSL	337°, 49%, 40%
HSV	337°, 66%, 60%
XYZ	16.0652, 9.8867, 10.9591
YIQ	86.3460, 47.0810, 33.3290

Conversions

Conversions Part 2

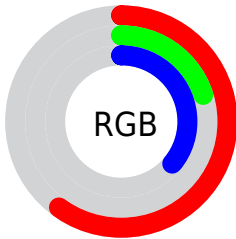
Format	Color
R_{YB}	152, 52, 91
Decimal	9974875
CIE Lab	37.64, 45.25, -0.55
CIE LCh	38, 45.255, 359.300
Yxy	9.8867, 0.4352, 0.2679
Android (android.graphics.Color)	4288164955 (0xFF98345B)
YUV	86.3460, 2.2944, 57.5786
Hunter-Lab	31.4431, 36.1753, 1.3454

Details

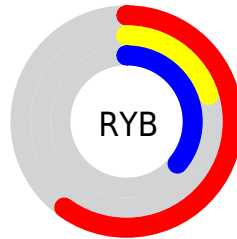
The YUV color **86.3460, 2.2944, 57.5786** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **117.6540, -2.2944, -57.5786**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.4990, 0.2470, 60.9524**, and **34.2470, 5.7942, 55.0344** is the 20% darker color. If you saturate the color by 10%, you get **76.5150, 2.7041, 66.2003**, and if you desaturate by 10%, it is **96.1770, 1.8847, 48.9568**.

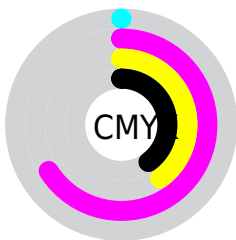
Distribution



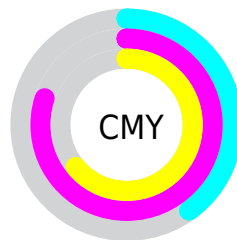
- Red (60%)
- Green (20%)
- Blue (36%)



- Red (60%)
- Yellow (20%)
- Blue (36%)



- Cyan (0%)
- Magenta (66%)
- Yellow (40%)
- Black (40%)



- Cyan (40%)
- Magenta (80%)
- Yellow (64%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.3460, 2.2944, 57.5786 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 86.3460, 2.2944, 57.5786 by changing the saturation by 10% instead.

86.3460, 2.2944,
57.5786

86.3460, 2.2944,
57.5786

255.0000, 0.0000,
0.0000

58.3290, 4.7678,
57.5935

140.4990, 0.2470,
60.9524

34.2470, 5.7942,
55.0344

167.3960, -0.1952,
62.7967

23.7800, 0.6015,
40.5349

191.8080, 1.5737,
55.4194

13.9820, -5.9071,
28.0798

210.7350, 5.5536,
38.8204

0.0000, 0.0000,
0.0000

231.0640, 9.8284,
20.9919

248.5430, 3.1833,

5.6628

■ 86.3460, 2.2944,
57.5786

■ 86.3460, 2.2944,
57.5786

■ 76.5150, 2.7041,
66.2003

■ 96.1770, 1.8847,
48.9568

■ 66.5700, 2.6770,
74.9221

■ 106.1220, 1.9119,
40.2350

■ 56.1520, 3.3761,
84.0587

■ 116.5400, 1.2128,
31.0984

■ 52.1740, 3.3652,
87.5474

■ 126.3710, 0.8031,
22.4766

■ 136.2020, 0.3934,
13.8548

■ 146.1470, 0.4205,
5.1331

■ 155.9780, 0.0108,
-3.4887

■ 166.3960, -0.6882,
-12.6253

■ 176.2270, -1.0979,
-21.2471

Harmonies

Analogous

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



90.5140, 17.4946, 35.5062



86.3460, 2.2944, 57.5786



85.1770, -14.8773, 58.6038

Triad

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



86.3460, 2.2944, 57.5786



79.9920, -31.5481, -7.8860



77.0880, 36.4386, -67.6062

Complementary

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



86.3460, 2.2944, 57.5786



117.6540, -2.2944, -57.5786

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.



75.6570, 23.3401, -66.3512



86.3460, 2.2944, 57.5786



66.6450, -8.6990, -56.6937

Square

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



86.3460, 2.2944, 57.5786



83.1760, -40.5128, 20.8936



71.5530, 7.6154, -62.7520



73.0590, 43.8479, -64.0727

Rectangle

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



86.3460, 2.2944, 57.5786



85.6630, -25.4699, 49.4075



71.5530, 7.6154, -62.7520



76.7630, 32.6548, -67.3212

Sweetspot

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



86.3460, 2.2944, 57.5786



170.3710, 0.8031, 22.4766



81.3400, 34.8354, 26.8888



83.9030, 0.5408, 13.2401



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



86.3460, 2.2944, 57.5786



94.2990, 3.7966, 89.1918



87.7700, -17.6346, 56.3297



71.7340, 0.1311, 4.6183



48.1300, 3.3869, 80.5700



4.4570, 0.2677, 7.4922

Inverse Universe

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



86.3460, 2.2944, 57.5786



94.2990, 3.7966, 89.1918



116.2300, 17.6346, -56.3297



71.7340, 0.1311, 4.6183



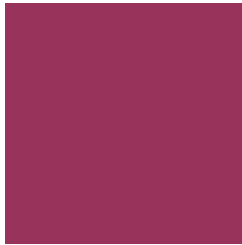
48.1300, 3.3869, 80.5700



4.4570, 0.2677, 7.4922

Previews

White Background



This preview shows how the YUV color 86.3460, 2.2944, 57.5786 looks on a white background.

Color Contrast Check

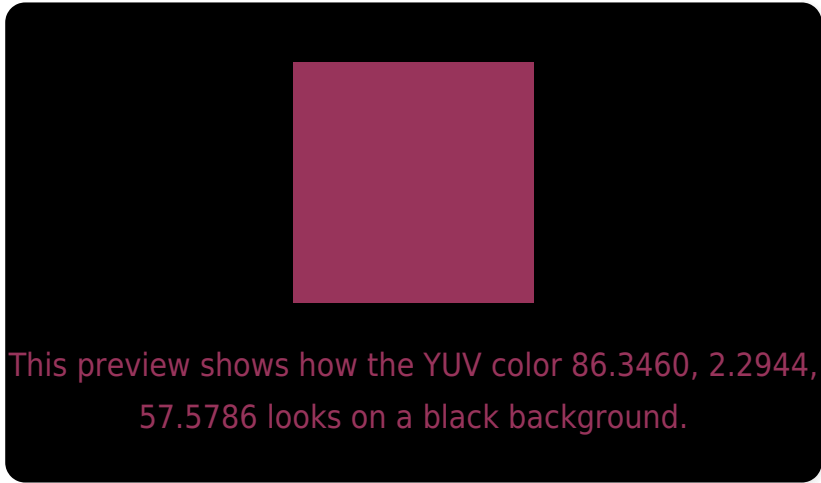
Large Text (above 18pt) WCAG AA ✓ Pass

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

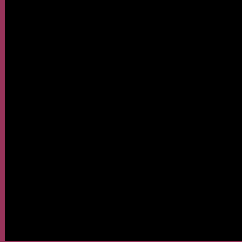
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.3460, 2.2944, 57.5786

Background



This preview shows how black text looks on a background with the YUV color 86.3460, 2.2944, 57.5786.



This preview shows how white text looks on a background with the YUV color 86.3460, 2.2944,

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

86.3460, 2.2944, 57.5786

Protanopia

90.0560, 11.8044, -6.1881

Deuteranopia

89.8870, -1.9163, 7.9921



Tritanopia

85.9640, -11.8143, 56.1596

Trichromacy



Original Color

86.3460, 2.2944, 57.5786

Protanomaly

88.9880, 8.3869, 16.6735

Deuteranomaly

88.7520, -0.3707, 25.6505

Tritanomaly

86.3430, -6.5781, 56.7042

Monochromacy



Original Color

86.3460, 2.2944, 57.5786

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.3600, 0.8085, 20.7323

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.3460, 2.2944, 57.5786 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(152, 52, 91)` looks like.

```
.text, #text, p{  
    color:rgb(152, 52, 91)  
}
```

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(152, 52, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 52, 91) }
```

Border

The CSS property to change the border of an element to YUV 86.3460, 2.2944, 57.5786 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(152, 52, 91) }
```


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

```
.border{ border-color:rgb(152, 52, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 52, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 52, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 52, 91);  
box-shadow:4px 4px 4px 4px rgb(152, 52,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 86.3460, 2.2944, 57.5786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 52, 91) }
```

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

```
.background{ background-color: rgb(152, 52,  
91) }
```

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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