

Converting Colors

YUV(85.0440, 10.3313, 46.4424)

Have a look what the booklet for
YUV(85.0440, 10.3313, 46.4424)
contains.

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Color

**YUV(85.0440, 10.3313,
46.4424)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 8A366A |
| RGB | 138, 54, 106 |
| RGB Percent | 54%, 21%, 42% |
| CMY | 0.4588, 0.7882, 0.5843 |
| CMYK | 0.00, 0.61, 0.23, 0.46 |
| HSL | 323°, 44%, 38% |
| HSV | 323°, 61%, 54% |
| XYZ | 14.4019, 9.0822, 14.6296 |
| YIQ | 85.0440, 33.3720, 33.9800 |

Conversions

Conversions Part 2

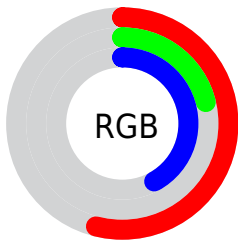
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 138, 54, 106 |
| Decimal | 9057898 |
| CIE _{Lab} | 36.14, 41.81, -12.54 |
| CIE _{LCh} | 36, 43.650, 343.310 |
| Yxy | 9.0822, 0.3779, 0.2383 |
| Android (android.graphics.Color) | 4287247978 (0xFF8A366A) |
| YUV | 85.0440, 10.3313, 46.4424 |
| Hunter-Lab | 30.1367, 32.5634, -7.6862 |

Details

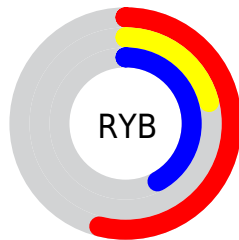
The YUV color **85.0440, 10.3313, 46.4424** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **106.9560, -10.3313, -46.4424**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.5390, 9.5943, 49.5163**, and **32.1410, 13.2415, 46.3573** is the 20% darker color. If you saturate the color by 10%, you get **76.2560, 12.1988, 54.1495**, and if you desaturate by 10%, it is **93.8320, 8.4638, 38.7353**.

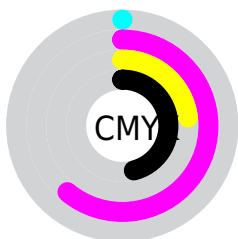
Distribution



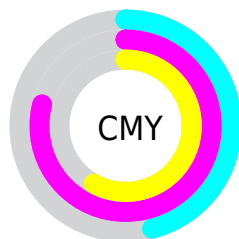
- Red (54%)
- Green (21%)
- Blue (42%)



- Red (54%)
- Yellow (21%)
- Blue (42%)



- Cyan (0%)
- Magenta (61%)
- Yellow (23%)
- Black (46%)





- Cyan (46%)
- Magenta (79%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YUV color 85.0440, 10.3313, 46.4424 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 85.0440, 10.3313, 46.4424 by changing the saturation by 10% instead.


 85.0440, 10.3313,
46.4424


 85.0440, 10.3313,
46.4424

255.0000, 0.0000,
0.0000

 58.3860, 11.6417,
46.1425

 137.5390, 9.5943,
49.5163


 32.1410, 13.2415,
46.3573

 165.1370, 9.2995,
50.7459


 21.8590, 7.4645,
32.5727

 192.8490, 9.4414,
51.8754

 12.4740, 1.2453,
20.6323

 212.7870, 13.4160,
37.0208

 0.0000, 0.0000,
0.0000

 231.5200, 11.5756,
20.5920

 248.5430, 3.1833,

5.6628

■ 85.0440, 10.3313,
46.4424

■ 85.0440, 10.3313,
46.4424

■ 76.2560, 12.1988,
54.1495

■ 93.8320, 8.4638,
38.7353

■ 67.3540, 13.6295,
61.9565

■ 102.7340, 7.0331,
30.9283

■ 59.1530, 15.2076,
69.1488

■ 110.9350, 5.4550,
23.7360

■ 50.9520, 16.7857,
76.3411

■ 119.7230, 3.5876,
16.0289

■ 128.5110, 1.7201,
8.3219

■ 137.4130, 0.2894,
0.5148

■ 146.2010, -1.5781,
-7.1923

■ 154.4020, -3.1562,
-14.3846

■ 163.1900, -5.0237,
-22.0916

Harmonies

Analogous

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



87.7010, 23.8114, 16.0482



85.0440, 10.3313, 46.4424



82.2830, -5.5625, 57.6338

Triad

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



85.0440, 10.3313, 46.4424



78.3100, -37.1278, 8.4981



73.7480, 28.7182, -64.6770

Complementary

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



85.0440, 10.3313, 46.4424



106.9560, -10.3313, -46.4424

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.



70.6870, 14.4513, -61.9925



85.0440, 10.3313, 46.4424



74.1240, -21.7531, -22.9107

Square

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



85.0440, 10.3313, 46.4424



81.0340, -35.0198, 32.4192



65.9960, -0.9840, -57.8785



72.5060, 39.1905, -63.5878

Rectangle

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



85.0440, 10.3313, 46.4424



82.1010, -16.3188, 54.2854



65.9960, -0.9840, -57.8785



73.3090, 24.4977, -64.2920

Sweetspot

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



85.0440, 10.3313, 46.4424



158.1470, 3.8715, 18.2881



72.8450, 32.1214, 10.6599



77.0490, 2.4408, 10.4810



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.



85.0440, 10.3313, 46.4424



96.4030, 16.0703, 72.4376



80.3700, -7.5774, 50.5415



64.5490, 0.7153, 3.9035



49.1150, 16.2123, 73.5671



1.8370, 0.5734, 2.7740

Inverse Universe

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



85.0440, 10.3313, 46.4424



96.4030, 16.0703, 72.4376



111.6300, 7.5774, -50.5415



64.5490, 0.7153, 3.9035



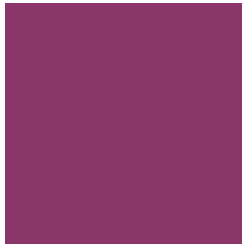
49.1150, 16.2123, 73.5671



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 85.0440, 10.3313, 46.4424 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

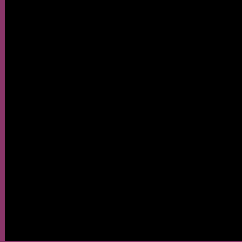
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.0440, 10.3313, 46.4424

Background



This preview shows how black text looks on a background with the YUV color 85.0440, 10.3313, 46.4424.



This preview shows how white text looks on a background with the YUV color 85.0440, 10.3313,

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

85.0440, 10.3313, 46.4424

Protanopia

85.2430, 21.5722, -12.4911

Deuteranopia

86.8350, 6.9833, 0.1447



Tritanopia

85.0980, -8.4293, 43.7641

Trichromacy



Original Color

85.0440, 10.3313, 46.4424

Protanomaly

85.0500, 17.7233, 8.7262

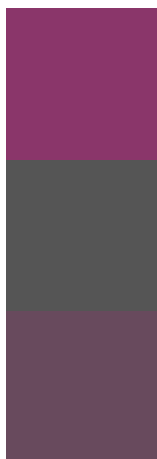
Deuteranomaly

86.2870, 8.2395, 17.2883

Tritanomaly

85.2320, -1.5934, 44.5235

Monochromacy



Original Color

85.0440, 10.3313, 46.4424

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.1360, 3.8770, 16.5437

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.0440, 10.3313, 46.4424 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(138, 54, 106)` looks like.

```
.text, #text, p{  
    color:rgb(138, 54, 106)  
}
```

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(138, 54, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 54, 106) }
```

Border

The CSS property to change the border of an element to YUV 85.0440, 10.3313, 46.4424 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(138, 54, 106) }
```


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

```
.border{ border-color:rgb(138, 54, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 54, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 54, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 54, 106);  
box-shadow:4px 4px 4px 4px rgb(138, 54,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 85.0440, 10.3313, 46.4424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 54, 106) }
```

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

```
.background{ background-color: rgb(138, 54,  
106) }
```

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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