

Converting Colors

YUV(82.0440, 40.4043, 13.9934)

Have a look what the booklet for
YUV(82.0440, 40.4043, 13.9934)
contains.

YUV(82.0440, 40.4043, 13.9934)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(82.0440, 40.4043,
13.9934)**

Conversions

Conversions Part 1

Format	Color
Hex	623AA4
RGB	98, 58, 164
RGB Percent	38%, 23%, 64%
CMY	0.6157, 0.7725, 0.3569
CMYK	0.40, 0.65, 0.00, 0.36
HSL	263°, 48%, 44%
HSV	263°, 65%, 64%
XYZ	13.2509, 8.3031, 36.0262
YIQ	82.0440, -10.1860, 41.4460

Conversions

Conversions Part 2

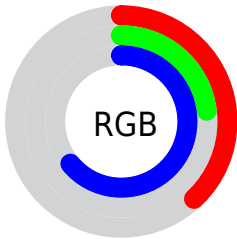
Format	Color
R_{YB}	98, 58, 164
Decimal	6437540
CIE _{Lab}	34.61, 41.13, -51.08
CIE _{LCh}	35, 65.580, 308.843
Yxy	8.3031, 0.2301, 0.1442
Android (android.graphics.Color)	4284627620 (0xFF623AA4)
YUV	82.0440, 40.4043, 13.9934
Hunter-Lab	28.8151, 31.6584, -53.9569

Details

The YUV color **82.0440, 40.4043, 13.9934** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **139.9560, -40.4043, -13.9934**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.6360, 42.5775, 16.9822**, and **30.4950, 39.6890, 10.0899** is the 20% darker color. If you saturate the color by 10%, you get **69.6620, 46.5086, 16.0824**, and if you desaturate by 10%, it is **94.4260, 34.3000, 11.9044**.

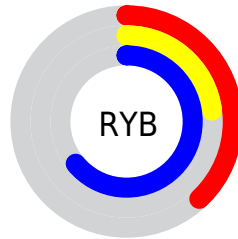
Distribution



Red (38%)

Green (23%)

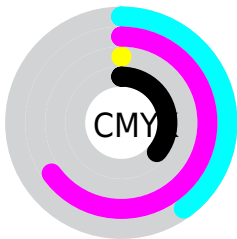
Blue (64%)



Red (38%)

Yellow (23%)

Blue (64%)

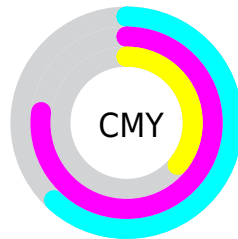


Cyan (40%)

Magenta (65%)

Yellow (0%)

Black (36%)



Cyan (62%)

Magenta (77%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.0440, 40.4043, 13.9934 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 82.0440, 40.4043, 13.9934 by changing the saturation by 10% instead.

82.0440, 40.4043,
13.9934

82.0440, 40.4043,
13.9934

255.0000, 0.0000,
0.0000

56.8050, 39.5361,
12.4490

133.6360, 42.5775,
16.9822

30.4950, 39.6890,
10.0899

160.5760, 43.5930,
17.9118

11.8970, 36.5328,
-4.2947

185.7800, 34.1255,
21.2409

7.0680, 27.0815,
-6.1986

210.3000, 22.0371,
25.1699

6.2070, 16.1669,
-5.4435

231.5200, 11.5756,
20.5920

2.5250, 7.1362,
-2.2144

248.5430, 3.1833,

0.0000, 0.0000,

5.6628

0.0000

■ 82.0440, 40.4043,
13.9934

■ 82.0440, 40.4043,
13.9934

■ 69.6620, 46.5086,
16.0824

■ 94.4260, 34.3000,
11.9044

■ 56.6930, 52.9024,
18.6862

■ 107.3950, 27.9063,
9.3006

■ 44.0120, 59.1541,
20.1605

■ 120.0760, 21.6545,
7.8263

■ 37.2340, 62.4956,
21.7198

■ 133.0450, 15.2608,
5.2225

■ 145.4270, 9.1565,
3.1335

■ 157.8090, 3.0522,
1.0445

■ 170.7780, -3.3416,
-1.5593

■ 183.4590, -9.5933,
-3.0335

■ 196.4280,
-15.9870, -5.6374

Harmonies

Analogous

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



70.5120, 56.9356, -61.8390



82.0440, 40.4043, 13.9934



65.2970, 26.9686, 76.9155

Triad

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



82.0440, 40.4043, 13.9934



76.1390, -37.5365, 46.3591



71.4050, 12.1253, -62.6222

Complementary

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



82.0440, 40.4043, 13.9934



139.9560, -40.4043, -13.9934

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.



63.2600, -11.4672, -55.4790



82.0440, 40.4043, 13.9934



75.3210, -37.1333, 10.2425

Square

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



82.0440, 40.4043, 13.9934



66.5020, -24.4045, 81.1207



61.1470, -30.1455, -37.8399



76.5180, 34.2546, -67.1063

Rectangle

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



82.0440, 40.4043, 13.9934



59.7370, 12.9477, 94.0697



61.1470, -30.1455, -37.8399



68.7660, 4.5524, -60.3078

Sweetspot

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



82.0440, 40.4043, 13.9934



183.0450, 15.2608, 5.2225



109.4130, 26.9114, -45.0892



87.8400, 9.4459, 3.6483



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



82.0440, 40.4043, 13.9934



84.8750, 63.6586, 22.0346



97.5920, 32.7391, 45.9618



75.2220, 3.3416, 1.5593



32.9750, 55.2283, 19.3159



4.1450, 6.8305, 2.5038

Inverse Universe

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



97.2180, 13.2035, 58.5678



108.7890, 20.8100, 92.2700



124.4080, -32.7391, -45.9618



76.3750, 1.2941, 4.9331



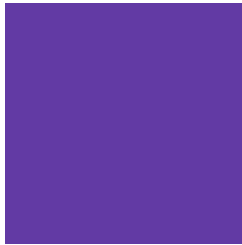
53.7290, 18.3746, 80.0447



6.6360, 2.1515, 9.9662

Previews

White Background



This preview shows how the YUV color 82.0440, 40.4043, 13.9934 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 82.0440, 40.4043, 13.9934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

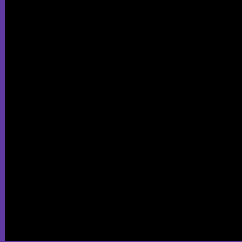
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.0440, 40.4043, 13.9934

Background



This preview shows how black text looks on a background with the YUV color 82.0440, 40.4043, 13.9934.



This preview shows how white text looks on a background with the YUV color 82.0440, 40.4043,

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

82.0440, 40.4043, 13.9934

Protanopia

65.4110, 50.0834, -57.3654

Deuteranopia

65.2510, 39.3163, -57.2251



Tritanopia

81.6840, 2.6208, -0.5999

Trichromacy



Original Color

82.0440, 40.4043, 13.9934

Protanomaly

71.3650, 46.6551, -31.0151

Deuteranomaly

71.5300, 39.6717, -31.1598

Tritanomaly

81.9740, 16.2818, 4.4078

Monochromacy



Original Color

82.0440, 40.4043, 13.9934

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.9310, 14.8240, 5.3225

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.0440, 40.4043, 13.9934 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(98, 58, 164)` looks like.

```
.text, #text, p{  
    color:rgb(98, 58, 164)  
}
```

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(98, 58, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 58, 164) }
```

Border

The CSS property to change the border of an element to YUV 82.0440, 40.4043, 13.9934 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(98, 58, 164) }
```


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

```
.border{ border-color:rgb(98, 58, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 58, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 58, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 58, 164);  
box-shadow:4px 4px 4px 4px rgb(98, 58,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 82.0440, 40.4043, 13.9934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 58, 164) }
```

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

```
.background{ background-color: rgb(98, 58,  
164) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor