

Converting Colors

YUV(40.1840, 14.6993, 45.4426)

Have a look what the booklet for
YUV(40.1840, 14.6993, 45.4426)
contains.

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Color

**YUV(40.1840, 14.6993,
45.4426)**

Conversions

Conversions Part 1

Format	Color
Hex	5C0846
RGB	92, 8, 70
RGB Percent	36%, 3%, 27%
CMY	0.6392, 0.9686, 0.7255
CMYK	0.00, 0.91, 0.24, 0.64
HSL	316°, 84%, 20%
HSV	316°, 91%, 36%
XYZ	5.6060, 2.8912, 6.0569
YIQ	40.1840, 30.1620, 37.0900

Conversions

Conversions Part 2

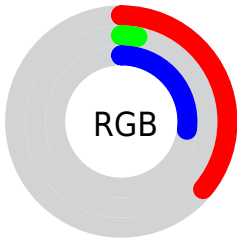
Format	Color
R_{YB}	92, 8, 70
Decimal	6031430
CIE _{Lab}	19.60, 41.17, -14.96
CIE _{LCh}	20, 43.804, 340.026
Yxy	2.8912, 0.3852, 0.1987
Android (android.graphics.Color)	4284221510 (0xFF5C0846)
YUV	40.1840, 14.6993, 45.4426
Hunter-Lab	17.0035, 29.0946, -9.2178

Details

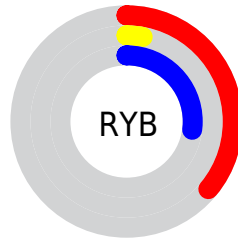
The YUV color **40.1840, 14.6993, 45.4426** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **59.8160, -14.6993, -45.4426**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.3750, 11.6471, 44.3981**, and **16.5330, 5.1602, 24.9656** is the 20% darker color. If you saturate the color by 10%, you get **35.2600, 16.1408, 49.7610**, and if you desaturate by 10%, it is **45.6950, 12.9684, 40.6095**.

Distribution



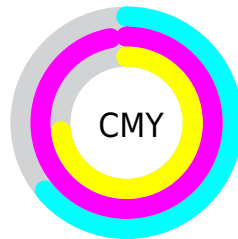
- Red (36%)
- Green (3%)
- Blue (27%)



- Red (36%)
- Yellow (3%)
- Blue (27%)



- Cyan (0%)
- Magenta (91%)
- Yellow (24%)
- Black (64%)





- Cyan (64%)
- Magenta (97%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YUV color 40.1840, 14.6993, 45.4426 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 40.1840, 14.6993, 45.4426 by changing the saturation by 10% instead.


 40.1840, 14.6993,
45.4426


 40.1840, 14.6993,
45.4426

254.4130, 0.2894,
0.5148


 25.0920, 10.8006,
35.8763


 94.3750, 11.6471,
44.3981


 16.5330, 5.1602,
24.9656

 120.3860, 11.6417,
46.1425

 0.0000, 0.0000,
0.0000

 147.0980, 11.7837,
47.2721


 174.6960, 11.4889,
48.5016


 201.2120, 12.2205,
47.1721


 220.9540, 16.7847,


29.8583


 237.3900, 8.6817,
15.4440


 40.1840, 14.6993,
45.4426

 40.1840, 14.6993,
45.4426


 35.2600, 16.1408,
49.7610

 45.6950, 12.9684,
40.6095

 51.3200, 11.6742,
35.6764

 57.4180, 9.6539,
30.3284

 63.0430, 8.3598,
25.3953

 68.5540, 6.6289,
20.5621

■ 74.0650, 4.8980,
15.7290

■ 79.6900, 3.6038,
10.7959

■ 85.7880, 1.5835,
5.4479

■ 91.4130, 0.2894,
0.5148

Harmonies

Analogous

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



48.3690, 23.9751, 10.2004



40.1840, 14.6993, 45.4426



34.8300, 1.5628, 58.9081

Triad

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



40.1840, 14.6993, 45.4426



44.3000, -21.8399, 4.9989



45.2520, 21.0748, -39.6860

Complementary

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



40.1840, 14.6993, 45.4426



59.8160, -14.6993, -45.4426

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.



42.4190, 7.6814, -37.2015



40.1840, 14.6993, 45.4426



36.7590, -18.1222, -20.8366

Square

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



40.1840, 14.6993, 45.4426



45.3290, -22.3472, 27.7755



37.3690, -6.5909, -32.7726



45.7710, 30.6789, -40.1412

Rectangle

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



40.1840, 14.6993, 45.4426



37.5230, -9.6248, 53.9153



37.3690, -6.5909, -32.7726



44.8130, 16.8542, -39.3010

Sweetspot

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



40.1840, 14.6993, 45.4426



99.6030, 5.6187, 17.8882



23.8550, 33.5955, 4.5122



49.2770, 3.3144, 10.2811



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



40.1840, 14.6993, 45.4426



45.9120, 20.7494, 64.9752



35.5100, -3.2094, 49.5417



42.9510, 1.0102, 2.6740



42.1240, 19.1659, 59.5273



90.8130, 41.5042, 128.2060

Inverse Universe

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



40.1840, 14.6993, 45.4426



45.9120, 20.7494, 64.9752



64.4900, 3.2094, -49.5417



42.9510, 1.0102, 2.6740



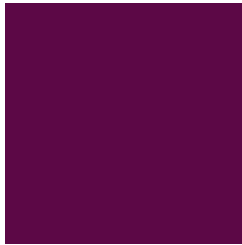
42.1240, 19.1659, 59.5273



90.8130, 41.5042, 128.2060

Previews

White Background



This preview shows how the YUV color 40.1840, 14.6993, 45.4426 looks on a white background.

Color Contrast Check

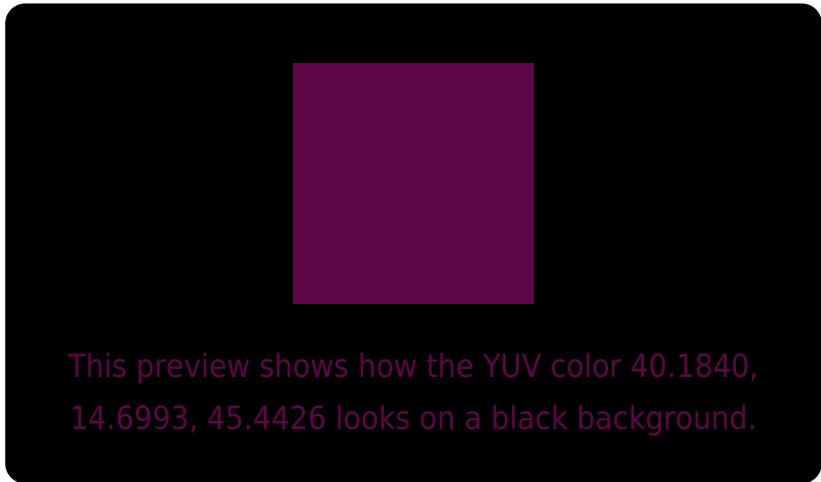
Large Text (above 18pt) WCAG AA ✓ Pass

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

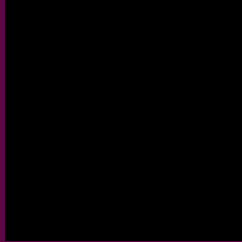
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.1840, 14.6993, 45.4426

Background



This preview shows how black text looks on a background with the YUV color 40.1840, 14.6993, 45.4426.



This preview shows how white text looks on a background with the YUV color 40.1840, 14.6993,

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

40.1840, 14.6993, 45.4426

Protanopia

46.0290, 26.1147, -22.8274

Deuteranopia

50.3400, 7.7204, -2.9292



Tritanopia

46.4670, -8.1182, 37.3014

Trichromacy



Original Color

40.1840, 14.6993, 45.4426

Protanomaly

43.7440, 21.8182, 1.9785

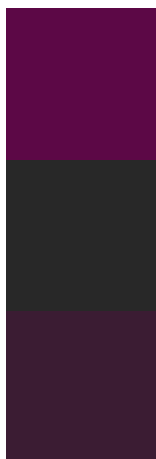
Deuteranomaly

46.4330, 10.1395, 14.5293

Tritanomaly

44.3670, 0.3121, 40.0201

Monochromacy



Original Color

40.1840, 14.6993, 45.4426

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

39.8910, 5.4767, 16.7586

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.1840, 14.6993, 45.4426 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(92, 8, 70)` looks like.

```
.text, #text, p{  
    color:rgb(92, 8, 70)  
}
```

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(92, 8, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 8, 70) }
```

Border

The CSS property to change the border of an element to YUV 40.1840, 14.6993, 45.4426 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(92, 8, 70) }
```


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

```
.border{ border-color:rgb(92, 8, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 8, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 8, 70); -webkit-box-shadow:4px  
4px 4px 4px rgb(92, 8, 70); box-shadow:4px  
4px 4px 4px rgb(92, 8, 70) }
```

Background

The CSS property to change the background color of an element to YUV 40.1840, 14.6993, 45.4426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 8, 70) }
```

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

```
.background{ background-color: rgb(92, 8,  
70) }
```

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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