

Converting Colors

YUV(13.8350, 43.9583, -5.9943)

Have a look what the booklet for
YUV(13.8350, 43.9583, -5.9943)
contains.

YUV(13.8350, 43.9583, -5.9943)	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>	30

Color

**YUV(13.8350, 43.9583,
-5.9943)**

Conversions

Conversions Part 1

Format	Color
Hex	070067
RGB	7, 0, 103
RGB Percent	3%, 0%, 40%
CMY	0.9725, 1.0000, 0.5961
CMYK	0.93, 1.00, 0.00, 0.60
HSL	244°, 100%, 20%
HSV	244°, 100%, 40%
XYZ	2.5358, 1.0244, 12.8960
YIQ	13.8350, -28.8910, 33.5170

Conversions

Conversions Part 2

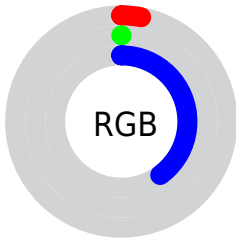
Format	Color
RYB	7, 0, 103
Decimal	458855
CIELab	9.19, 40.81, -54.78
CIELCh	9, 68.313, 306.685
Yxy	1.0244, 0.1541, 0.0623
Android (android.graphics.Color)	4278648935 (0xFF070067)
YUV	13.8350, 43.9583, -5.9943
Hunter-Lab	10.1215, 27.0082, -68.4579

Details

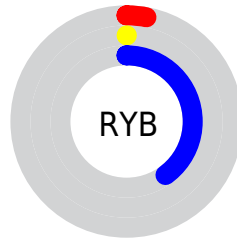
The YUV color **13.8350, 43.9583, -5.9943** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **89.1650, -43.9583, 5.9943**, and the grayscale version is **13.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **67.3960, 43.1888, 7.5457**, and **9.0910, 22.1401, -7.9728** is the 20% darker color. If you saturate the color by 10%, you get **13.8350, 43.9583, -5.9943**, and if you desaturate by 10%, it is **22.6950, 39.5904, -4.9945**.

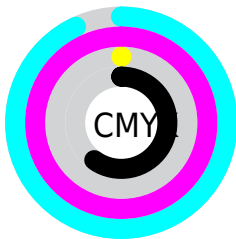
Distribution



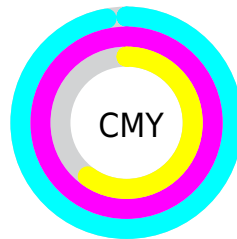
- Red (3%)
- Green (0%)
- Blue (40%)



- Red (3%)
- Yellow (0%)
- Blue (40%)



- Cyan (93%)
- Magenta (100%)
- Yellow (0%)
- Black (60%)



- Cyan (97%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 13.8350, 43.9583, -5.9943 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 13.8350, 43.9583, -5.9943 by changing the saturation by 10% instead.

■ 13.8350, 43.9583,
-5.9943

■ 13.8350, 43.9583,
-5.9943

■ 239.7380, 7.5242,
13.3848

■ 8.8920, 34.0702,
-7.7983

■ 67.3960, 43.1888,
7.5457

■ 9.0910, 22.1401,
-7.9728

■ 93.0480, 44.3463,
9.6049

■ 4.8220, 13.3988,
-4.2289

■ 119.2870, 45.2145,
11.1493

■ 0.4560, 1.7472,
-0.3999

■ 145.6400, 46.5195,
12.5937

■ 0.0000, 0.0000,
0.0000

■ 171.2830, 41.2725,
15.5378

■ 195.8030, 29.1841,

19.4668

■ 221.2090, 16.6590,
23.4957

■ 13.8350, 43.9583,
-5.9943

■ 22.6950, 39.5904,
-4.9945

■ 31.8430, 35.0804,
-5.1243

■ 40.7030, 30.7124,
-4.1245

■ 49.2640, 26.4918,
-3.7395

■ 58.7110, 21.8345,
-3.2545

■ 67.5710, 17.4665,
-2.2548

■ 76.1320, 13.2459,
-1.8698

■ 84.9920, 8.8779,
-0.8700

■ 94.1400, 4.3680,
-0.9998

Harmonies

Analogous

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



33.3930, 44.1763, -29.2857



13.8350, 43.9583, -5.9943



31.7000, 15.4309, 44.1131

Triad

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



13.8350, 43.9583, -5.9943



19.7010, -9.7126, 35.3422



26.9970, 4.4385, -23.6764

Complementary

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



13.8350, 43.9583, -5.9943



89.1650, -43.9583, 5.9943

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.



22.3060, -10.9969, -19.5624



13.8350, 43.9583, -5.9943



23.6120, -11.6407, 0.3403

Square

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



13.8350, 43.9583, -5.9943



25.4150, -12.5296, 52.2560



22.3060, -10.9969, -19.5624



33.4150, 23.9524, -29.3050

Rectangle

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



13.8350, 43.9583, -5.9943



32.1670, 0.4107, 55.1045



22.3060, -10.9969, -19.5624



24.4720, -2.6977, -21.4619

Sweetspot

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



13.8350, 43.9583, -5.9943



100.1580, 17.1771, -2.7696



68.0940, 17.2087, -59.7184



47.4480, 10.6251, -1.2699



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



13.8350, 43.9583, -5.9943



18.0810, 57.6411, -7.9640



29.0840, 36.4406, 25.3593



46.5700, 2.1840, -0.4999



15.5020, 49.0525, -6.5793



32.3720, 103.3466, -14.3582

Inverse Universe

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



41.7410, 26.7497, 53.7241



54.7290, 35.1366, 70.3977



73.9160, -36.4406, -25.3593



48.0650, 1.4470, 2.5740



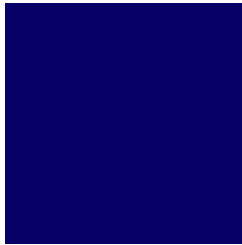
46.5830, 29.7856, 60.0017



98.1220, 63.0439, 126.1810

Previews

White Background



This preview shows how the YUV color 13.8350, 43.9583, -5.9943 looks on a white background.

Color Contrast Check

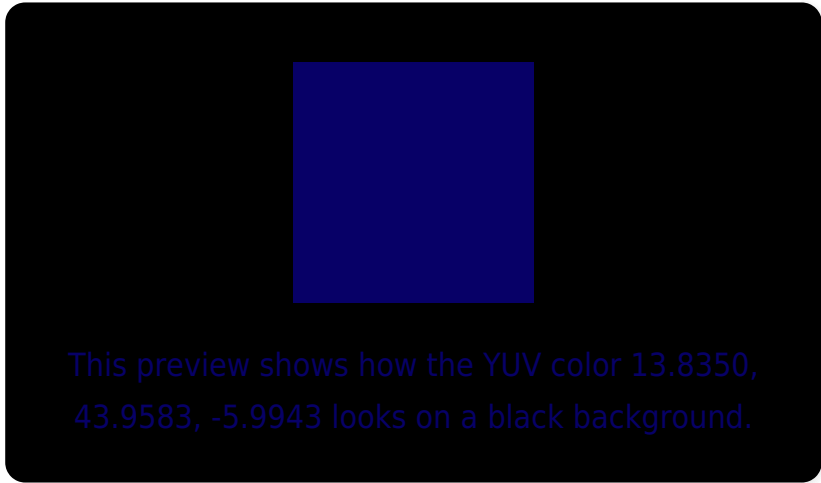
Large Text (above 18pt) WCAG AA ✓ Pass

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

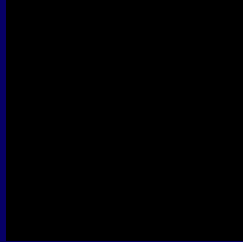
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 13.8350, 43.9583, -5.9943

Background



This preview shows how black text looks on a background with the YUV color 13.8350, 43.9583, -5.9943.



This preview shows how white text looks on a background with the YUV color 13.8350, 43.9583, -5.9943.

-5.9943.

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



Protanopia

24.7920, 18.8365, -21.7426

Deuteranopia

24.9400, 14.3266, -21.8724

Tritanopia

24.6490, 5.5960, -21.6172

Trichromacy



Protanomaly

20.9420, 28.1296, -15.7351

Deuteranomaly

20.8450, 25.2194, -15.6501

Tritanomaly

20.6510, 19.3991, -15.4799

Monochromacy



Achromatopsia

14.0000, 0.0000, 0.0000

Achromatomaly

13.8160, 15.8667, -2.4696

CSS Examples

Text

The CSS property to change the color of the text to YUV 13.8350, 43.9583, -5.9943 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(7, 0, 103)` looks like.

```
.text, #text, p{  
    color:rgb(7, 0, 103)  
}
```

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(7, 0, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 0, 103) }
```

Border

The CSS property to change the border of an element to YUV 13.8350, 43.9583, -5.9943 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(7, 0, 103) }
```

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

```
.border{ border-color:rgb(7, 0, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 0, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 0, 103); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 0, 103); box-shadow:4px  
4px 4px 4px rgb(7, 0, 103) }
```


Background

The CSS property to change the background color of an element to YUV 13.8350, 43.9583, -5.9943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 0, 103) }
```

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

```
.background{ background-color: rgb(7, 0,  
103) }
```

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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