

Converting Colors

YUV(237.8890, 8.4357, 0.9743)

Have a look what the booklet for
YUV(237.8890, 8.4357, 0.9743)
contains.

YUV(237.8890, 8.4357, 0.9743)	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(237.8890, 8.4357,
0.9743)**

Conversions

Conversions Part 1

Format	Color
Hex	EFEAFF
RGB	239, 234, 255
RGB Percent	94%, 92%, 100%
CMY	0.0627, 0.0824, 0.0000
CMYK	0.06, 0.08, 0.00, 0.00
HSL	254°, 100%, 96%
HSV	254°, 8%, 100%
XYZ	83.0694, 84.4164, 106.5235
YIQ	237.8890, -3.7610, 7.5910

Conversions

Conversions Part 2

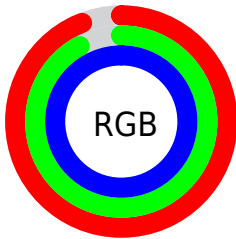
Format	Color
R _{YB}	239, 234, 255
Decimal	15723263
CIE _{Lab}	93.63, 5.50, -9.53
CIE _{LCh}	94, 10.999, 300.000
Yxy	84.4164, 0.3032, 0.3081
Android (android.graphics.Color)	4293913343 (0xFFEFEAFF)
YUV	237.8890, 8.4357, 0.9743
Hunter-Lab	91.8784, 0.5989, -4.4258

Details

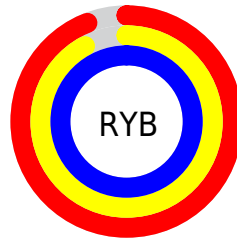
The YUV color `237.8890, 8.4357, 0.9743` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `251.1110, -8.4357, -0.9743`, and the grayscale version is `238.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `181.7750, 7.9989, 1.0743` is the 20% darker color. If you saturate the color by 10%, you get `217.5330, 18.4712, 2.1636`, and if you desaturate by 10%, it is `255.0000, 0.0000, 0.0000`.

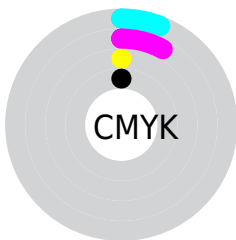
Distribution



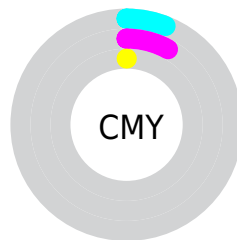
- Red (94%)
- Green (92%)
- Blue (100%)



- Red (94%)
- Yellow (92%)
- Blue (100%)



- Cyan (6%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 237.8890, 8.4357, 0.9743 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 237.8890, 8.4357, 0.9743 by changing the saturation by 10% instead.

237.8890, 8.4357,
0.9743

237.8890, 8.4357,
0.9743

255.0000, 0.0000,
0.0000

209.7750, 7.9989,
1.0743

181.7750, 7.9989,
1.0743

155.3620, 7.7095,
0.5595

129.2480, 7.2727,
0.6595

104.2480, 7.2727,
0.6595

80.1340, 6.8359,
0.7595

57.0200, 6.3991,

0.8595

■ 35.6070, 6.1097,
0.3447

■ 13.7320, 6.5411,
1.9890

■ 237.8890, 8.4357,
0.9743

■ 237.8890, 8.4357,
0.9743

■ 217.5330, 18.4712,
2.1636

255.0000, 0.0000,
0.0000

■ 196.2910, 28.9435,
3.2528

■ 175.3480, 39.2684,
4.9568

■ 154.6930, 49.4514,
5.5312

■ 133.7500, 59.7762,
7.2352

■ 113.0950, 69.9592,
7.8097

■ 92.7390, 79.9947,
8.9989

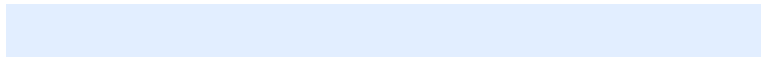
■ 71.7960, 90.3196,
10.7029

■ 51.1410, 100.5025,
11.2773

Harmonies

Analogous

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



236.3500, 9.1945, -9.0769



237.8890, 8.4357, 0.9743



238.8040, 4.0406, 10.6959

Triad

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



237.8890, 8.4357, 0.9743



237.9820, -9.3581, 14.9248



233.2320, 1.3646, -17.7435

Complementary

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



237.8890, 8.4357, 0.9743



251.1110, -8.4357, -0.9743

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.



234.1960, -4.0406, -10.6959



237.8890, 8.4357, 0.9743



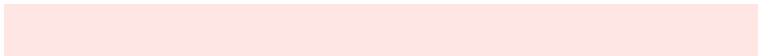
236.7100, -10.2100, 8.1473

Square

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



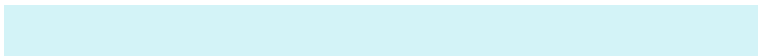
237.8890, 8.4357, 0.9743



237.1330, -4.9956, 15.6694



235.1110, -8.4357, -0.9743



233.8880, 6.4642, -20.0728

Rectangle

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



237.8890, 8.4357, 0.9743



238.7290, 1.1196, 14.2697



235.1110, -8.4357, -0.9743



233.7870, -0.3880, -15.5992

Sweetspot

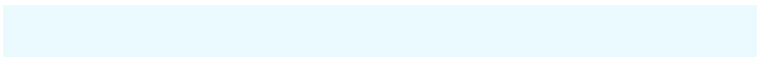
The Sweet Spot groups the original color and five complimentary colors.



237.8890, 8.4357, 0.9743



250.8690, 2.0366, 0.1149



245.7860, 4.5425, -10.3363



125.6410, 1.1630, 0.3148



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



237.8890, 8.4357, 0.9743



234.6440, 10.0355, 1.1892



240.8790, 6.9617, 7.1221



117.3790, 5.2362, 0.5446



35.5280, 76.6477, 9.1839



11.7810, 25.7440, 2.8231

Inverse Universe

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



242.1030, 3.8932, 11.3107



239.6410, 4.6140, 13.4698



248.1210, -6.9617, -7.1221



119.9130, 2.0149, 7.0923



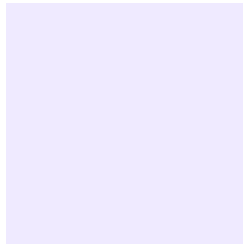
73.7530, 35.6178, 102.8256



24.7220, 11.9691, 34.4468

Previews

White Background



This preview shows how the YUV color 237.8890, 8.4357, 0.9743 looks on a white background.

Color Contrast Check

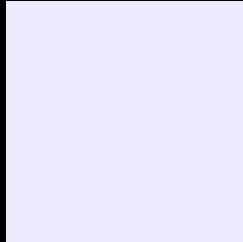
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 237.8890, 8.4357, 0.9743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

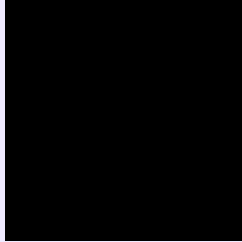
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 237.8890, 8.4357, 0.9743

Background



This preview shows how black text looks on a background with the YUV color 237.8890, 8.4357, 0.9743.



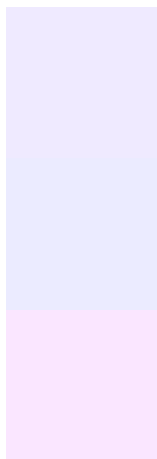
This preview shows how white text looks on a background with the YUV color 237.8890, 8.4357,

0.9743.

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

237.8890, 8.4357, 0.9743

Protanopia

237.2800, 8.7360, -1.9996

Deuteranopia

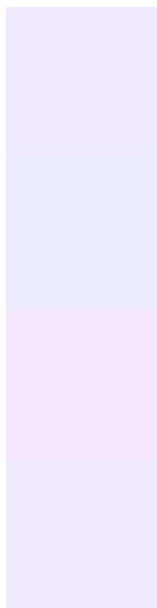
238.8300, 7.9718, 9.7961



Tritanopia

237.6610, 7.5621, 1.1743

Trichromacy



Original Color

237.8890, 8.4357, 0.9743

Protanomaly

237.5790, 8.5886, -1.3848

Deuteranomaly

238.2210, 8.2720, 6.8222

Tritanomaly

237.7750, 7.9989, 1.0743

Monochromacy



Original Color

237.8890, 8.4357, 0.9743

Achromatopsia

238.0000, 0.0000, 0.0000

Achromatomaly

238.0970, 2.9102, -0.0851

CSS Examples

Text

The CSS property to change the color of the text to YUV 237.8890, 8.4357, 0.9743 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(239, 234, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 234, 255)  
}
```

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(239, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 234, 255) }
```

Border

The CSS property to change the border of an element to YUV 237.8890, 8.4357, 0.9743 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(239, 234, 255) }
```


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

```
.border{ border-color:rgb(239, 234, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 234, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 234, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 234, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 234,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 237.8890, 8.4357, 0.9743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 234, 255) }
```

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

```
.background{ background-color: rgb(239,  
234, 255) }
```

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