

Converting Colors

YUV(231.4930, 5.6730, 0.4446)

Have a look what the booklet for
YUV(231.4930, 5.6730, 0.4446)
contains.

YUV(231.4930, 5.6730, 0.4446)	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(231.4930, 5.6730,
0.4446)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E5F3
RGB	232, 229, 243
RGB Percent	91%, 90%, 95%
CMY	0.0902, 0.1020, 0.0471
CMYK	0.05, 0.06, 0.00, 0.05
HSL	253°, 37%, 93%
HSV	253°, 6%, 95%
XYZ	77.4757, 79.6655, 96.0876
YIQ	231.4930, -2.7060, 4.9900

Conversions

Conversions Part 2

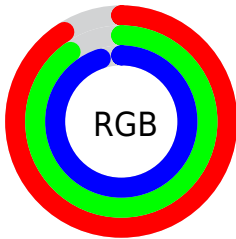
Format	Color
R _Y B	232, 229, 243
Decimal	15263219
CIE Lab	91.53, 3.56, -6.43
CIE LCh	92, 7.350, 298.933
Yxy	79.6655, 0.3060, 0.3146
Android (android.graphics.Color)	4293453299 (0xFFE8E5F3)
YUV	231.4930, 5.6730, 0.4446
Hunter-Lab	89.2555, -1.2554, -1.3495

Details

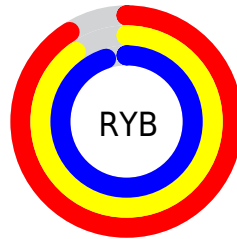
The YUV color $231.4930, 5.6730, 0.4446$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $240.5070, -5.6730, -0.4446$, and the grayscale version is $231.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $176.0800, 5.3836, -0.0702$ is the 20% darker color. If you saturate the color by 10%, you get $211.7240, 15.4191, 1.1191$, and if you desaturate by 10%, it is $251.2620, -4.0732, -0.2298$.

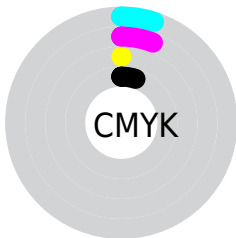
Distribution



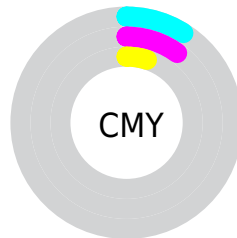
- Red (91%)
- Green (90%)
- Blue (95%)



- Red (91%)
- Yellow (90%)
- Blue (95%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (5%)



- Cyan (9%)
- Magenta (10%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.4930, 5.6730, 0.4446 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 231.4930, 5.6730, 0.4446 by changing the saturation by 10% instead.

■ 231.4930, 5.6730,
0.4446

■ 231.4930, 5.6730,
0.4446

255.0000, 0.0000,
0.0000

■ 203.4930, 5.6730,
0.4446

■ 176.0800, 5.3836,
-0.0702

■ 149.3790, 5.2362,
0.5446

■ 123.3790, 5.2362,
0.5446

■ 98.8520, 4.5100,
0.1298

■ 74.8520, 4.5100,
0.1298

■ 51.8520, 4.5100,

0.1298

■ 30.7380, 4.0732,
0.2298

■ 6.0200, 6.3991,
0.8595

■ 231.4930, 5.6730,
0.4446

■ 231.4930, 5.6730,
0.4446

■ 211.7240, 15.4191,
1.1191

■ 251.2620, -4.0732,
-0.2298

■ 191.3680, 25.4546,
2.3083

■ 253.6320, -5.2416,
1.1997

■ 171.5990, 35.2007,
2.9827

■ 151.8300, 44.9468,
3.6571

■ 131.4740, 54.9823,
4.8463

■ 111.4060, 64.8758,
4.9059

■ 91.6370, 74.6220,
5.5804

■ 71.8680, 84.3681,
6.2548

■ 51.5120, 94.4036,
7.4440

Harmonies

Analogous

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



230.2040, 7.2944, -6.3179



231.4930, 5.6730, 0.4446



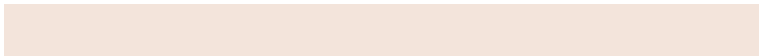
232.1410, 2.8885, 6.8923

Triad

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



231.4930, 5.6730, 0.4446



231.4590, -6.1423, 10.1215



228.4500, 0.7642, -11.7956

Complementary

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



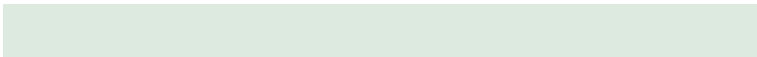
231.4930, 5.6730, 0.4446



240.5070, -5.6730, -0.4446

Split Complementary

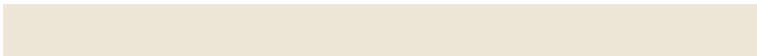
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228.8590, -2.8885, -6.8923



231.4930, 5.6730, 0.4446



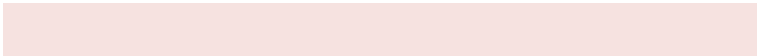
230.6110, -6.7102, 5.6032

Square

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



231.4930, 5.6730, 0.4446



231.7520, -3.8217, 12.4955



229.5070, -5.6730, -0.4446



228.9490, 3.9691, -13.1103

Rectangle

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



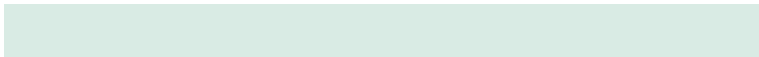
231.4930, 5.6730, 0.4446



232.2940, 0.8411, 10.2662



229.5070, -5.6730, -0.4446



228.8200, -0.4043, -10.3661

Sweetspot

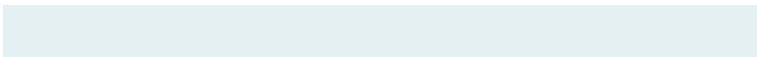
The Sweet Spot groups the original color and five complimentary colors.



231.4930, 5.6730, 0.4446



250.8690, 2.0366, 0.1149



237.0530, 2.9319, -7.0625



125.3420, 1.3104, -0.2999



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.



231.4930, 5.6730, 0.4446



240.2480, 7.2727, 0.6595



233.5860, 4.6411, 4.7481



114.6240, 3.6364, 0.3298



33.1640, 75.3481, 5.9952



10.6130, 23.8548, 2.0934

Inverse Universe

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



234.4400, 2.7411, 7.5071



243.9780, 3.4618, 9.6663



238.4140, -4.6411, -4.7481



116.4890, 1.7309, 4.8331



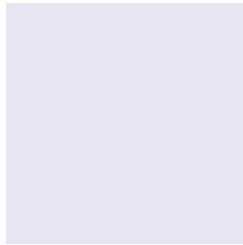
72.2580, 36.3548, 99.7517



22.8850, 11.3957, 31.6729

Previews

White Background



This preview shows how the YUV color 231.4930, 5.6730, 0.4446 looks on a white background.

Color Contrast Check

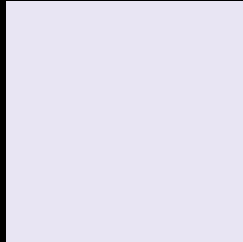
Large Text (above 18pt) WCAG AA × Fail

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 231.4930, 5.6730, 0.4446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

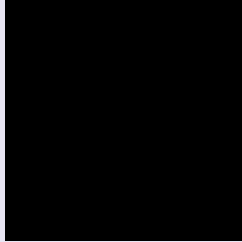
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

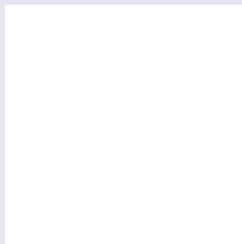
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 231.4930, 5.6730, 0.4446

Background



This preview shows how black text looks on a background with the YUV color 231.4930, 5.6730, 0.4446.



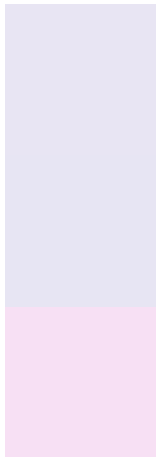
This preview shows how white text looks on a background with the YUV color 231.4930, 5.6730,

0.4446.

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

231.4930, 5.6730, 0.4446

Protanopia

231.1940, 5.8204, -0.1701

Deuteranopia

233.1570, 5.3456, 12.1403



Tritanopia

231.5470, 7.1253, 1.2743

Trichromacy



Original Color

231.4930, 5.6730, 0.4446

Protanomaly

231.1940, 5.8204, -0.1701

Deuteranomaly

232.8360, 5.5039, 8.0368

Tritanomaly

231.4330, 6.6885, 1.3743

Monochromacy



Original Color

231.4930, 5.6730, 0.4446

Achromatopsia

231.0000, 0.0000, 0.0000

Achromatomaly

230.8690, 2.0366, 0.1149

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.4930, 5.6730, 0.4446 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(232, 229, 243)` looks like.

```
.text, #text, p{  
    color:rgb(232, 229, 243)  
}
```

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(232, 229, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 229, 243) }
```

Border

The CSS property to change the border of an element to YUV 231.4930, 5.6730, 0.4446 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(232, 229, 243) }
```


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

```
.border{ border-color:rgb(232, 229, 243) }
```

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

Here you see how a box with a 4 pixel rgb(232, 229, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 229, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 229, 243);  
box-shadow:4px 4px 4px 4px rgb(232, 229,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 231.4930, 5.6730, 0.4446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 229, 243) }
```

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

```
.background{ background-color: rgb(232,  
229, 243) }
```

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