

Converting Colors

YUV(236.4430, 8.1626, -4.7735)

Have a look what the booklet for
YUV(236.4430, 8.1626, -4.7735)
contains.

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Color

**YUV(236.4430, 8.1626,
-4.7735)**

Conversions

Conversions Part 1

Format	Color
Hex	E7ECFD
RGB	231, 236, 253
RGB Percent	91%, 93%, 99%
CMY	0.0941, 0.0745, 0.0078
CMYK	0.09, 0.07, 0.00, 0.01
HSL	226°, 85%, 95%
HSV	226°, 9%, 99%
XYZ	80.6801, 84.0717, 104.9037
YIQ	236.4430, -8.4370, 4.2270

Conversions

Conversions Part 2

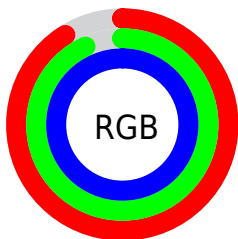
Format	Color
R _Y B	231, 235, 253
Decimal	15199485
CIE Lab	93.48, 1.52, -8.77
CIE LCh	93, 8.902, 279.804
Yxy	84.0717, 0.2992, 0.3118
Android (android.graphics.Color)	4293389565 (0xFFE7ECFD)
YUV	236.4430, 8.1626, -4.7735
Hunter-Lab	91.6906, -3.3935, -3.6505

Details

The YUV color $236.4430, 8.1626, -4.7735$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $247.5570, -8.1626, 4.7735$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $180.3290, 7.7258, -4.6735$ is the 20% darker color. If you saturate the color by 10%, you get $217.2280, 17.6356, -9.8470$, and if you desaturate by 10%, it is $254.7720, -0.8736, 0.2000$.

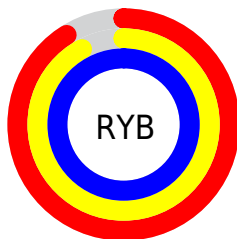
Distribution



Red (91%)

Green (93%)

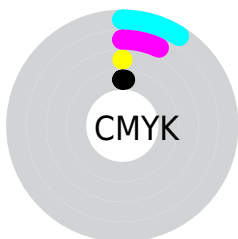
Blue (99%)



Red (91%)

Yellow (92%)

Blue (99%)

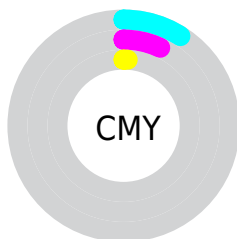


Cyan (9%)

Magenta (7%)

Yellow (0%)

Black (1%)



Cyan (9%)

Magenta (7%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.4430, 8.1626, -4.7735 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 236.4430, 8.1626, -4.7735 by changing the saturation by 10% instead.

■ 236.4430, 8.1626,
-4.7735

■ 236.4430, 8.1626,
-4.7735

255.0000, 0.0000,
0.0000

■ 208.3290, 7.7258,
-4.6735

■ 180.3290, 7.7258,
-4.6735

■ 153.6280, 7.5784,
-4.0588

■ 128.2150, 7.2890,
-4.5736

■ 103.1010, 6.8522,
-4.4736

■ 78.9870, 6.4154,
-4.3736

■ 55.9870, 6.4154,

-4.3736

■ 34.2860, 6.2680,
-3.7588

■ 12.1010, 6.8522,
-4.4736

■ 236.4430, 8.1626,
-4.7735

■ 236.4430, 8.1626,
-4.7735

■ 217.2280, 17.6356,
-9.8470

254.7720, -0.8736,
0.2000

■ 198.3010, 26.9666,
-16.0500

■ 179.0860, 36.4396,
-21.1234

■ 160.4580, 45.6232,
-26.7117

■ 140.9440, 55.2436,
-32.3999

■ 122.3160, 64.4272,
-37.9881

■ 103.1010, 73.9002,
-43.0616

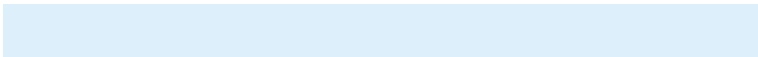
■ 84.4730, 83.0838,
-48.6498

■ 64.9590, 92.7042,
-54.3380

Harmonies

Analogous

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



235.3990, 8.1843, -11.7509



236.4430, 8.1626, -4.7735



237.5150, 5.6621, 3.9333

Triad

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



236.4430, 8.1626, -4.7735



237.8940, -5.8637, 14.1250



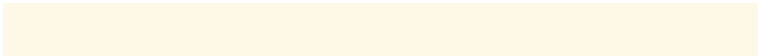
234.0650, -2.0040, -10.5810

Complementary

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



236.4430, 8.1626, -4.7735



247.5570, -8.1626, 4.7735

Split Complementary

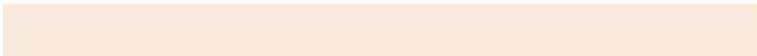
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234.7840, -5.8095, -3.3186



236.4430, 8.1626, -4.7735



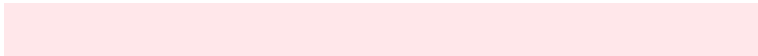
236.8890, -8.3263, 10.6213

Square

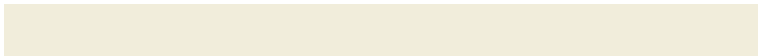
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



236.4430, 8.1626, -4.7735



238.5180, -2.2274, 14.4547



236.1440, -8.4520, 4.2587



233.8840, 2.5222, -15.6843

Rectangle

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



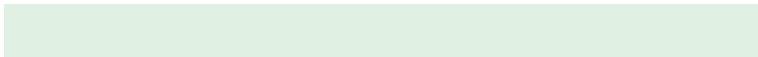
236.4430, 8.1626, -4.7735



238.2660, 3.3199, 8.5367



236.1440, -8.4520, 4.2587



233.7340, -3.3199, -8.5367

Sweetspot

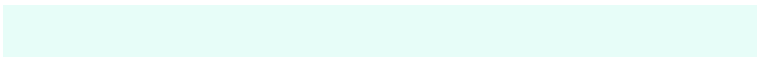
The Sweet Spot groups the original color and five complimentary colors.



236.4430, 8.1626, -4.7735



249.0860, 2.9156, -1.8294



245.8520, 1.0590, -13.0252



123.8580, 2.0420, -1.6295



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.



236.4430, 8.1626, -4.7735



235.7850, 9.4730, -5.0734



235.3020, 8.7251, 1.4891



118.2430, 4.8102, -2.8441



47.0150, 70.9846, -41.2322



15.5140, 23.9036, -13.6058

Inverse Universe

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



238.1480, -1.0590, 13.0252



238.0450, -1.5012, 14.8695



248.6980, -8.7251, -1.4891



119.2290, -0.6059, 7.6922



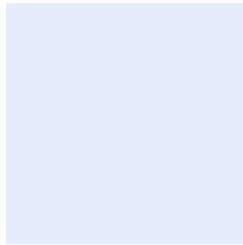
62.0110, -9.3724, 113.1234



20.7320, -3.3189, 37.9460

Previews

White Background



This preview shows how the YUV color 236.4430, 8.1626, -4.7735 looks on a white background.

Color Contrast Check

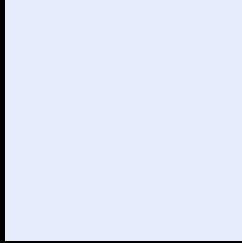
Large Text (above 18pt) WCAG AA × Fail

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 236.4430, 8.1626, -4.7735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

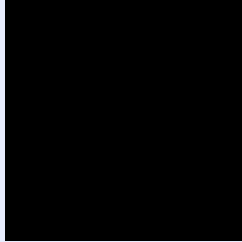
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 236.4430, 8.1626, -4.7735

Background



This preview shows how black text looks on a background with the YUV color 236.4430, 8.1626, -4.7735.



This preview shows how white text looks on a background with the YUV color 236.4430, 8.1626, -4.7735.

-4.7735.

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

236.4430, 8.1626, -4.7735

Protanopia

237.2370, 7.2782, -1.0848

Deuteranopia

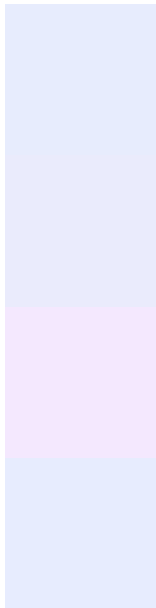
238.4280, 7.6770, 11.0256



Tritanopia

236.5570, 8.5994, -4.8735

Trichromacy



Original Color

236.4430, 8.1626, -4.7735

Protanomaly

236.6390, 7.5730, -2.3144

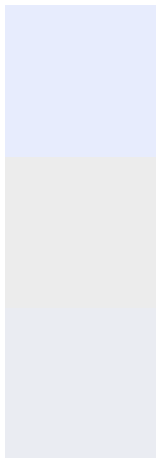
Deuteranomaly

238.0960, 7.8407, 5.1778

Tritanomaly

236.5570, 8.5994, -4.8735

Monochromacy



Original Color

236.4430, 8.1626, -4.7735

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

236.0860, 2.9156, -1.8294

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.4430, 8.1626, -4.7735 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(231, 236, 253)` looks like.

```
.text, #text, p{  
    color:rgb(231, 236, 253)  
}
```

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(231, 236, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 236, 253) }
```

Border

The CSS property to change the border of an element to YUV 236.4430, 8.1626, -4.7735 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(231, 236, 253) }
```


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

```
.border{ border-color:rgb(231, 236, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 236, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 236, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 236, 253);  
box-shadow:4px 4px 4px 4px rgb(231, 236,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 236.4430, 8.1626, -4.7735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 236, 253) }
```

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

```
.background{ background-color: rgb(231,  
236, 253) }
```

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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