

Converting Colors

YUV(230.5360, 7.1308, -0.4701)

Have a look what the booklet for
YUV(230.5360, 7.1308, -0.4701)
contains.

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Color

**YUV(230.5360, 7.1308,
-0.4701)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E4F5
RGB	230, 228, 245
RGB Percent	90%, 89%, 96%
CMY	0.0980, 0.1059, 0.0392
CMYK	0.06, 0.07, 0.00, 0.04
HSL	247°, 46%, 93%
HSV	247°, 7%, 96%
XYZ	76.8580, 78.9024, 97.5650
YIQ	230.5360, -4.2650, 5.7110

Conversions

Conversions Part 2

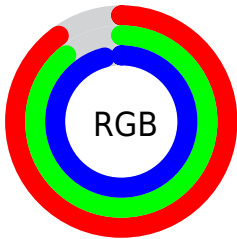
Format	Color
R _Y B	230, 228, 245
Decimal	15131893
CIE Lab	91.19, 3.80, -8.00
CIE LCh	91, 8.859, 295.371
Yxy	78.9024, 0.3034, 0.3115
Android (android.graphics.Color)	4293321973 (0xFFE6E4F5)
YUV	230.5360, 7.1308, -0.4701
Hunter-Lab	88.8270, -0.9993, -2.9435

Details

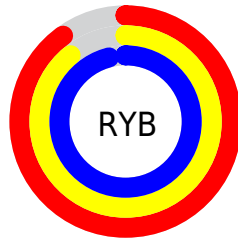
The YUV color $230.5360, 7.1308, -0.4701$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $242.4640, -7.1308, 0.4701$, and the grayscale version is $230.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $175.1230, 6.8414, -0.9849$ is the 20% darker color. If you saturate the color by 10%, you get $209.2830, 17.6085, -1.1252$, and if you desaturate by 10%, it is $251.2020, -3.0576, 0.6998$.

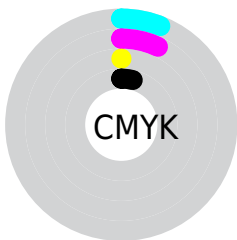
Distribution



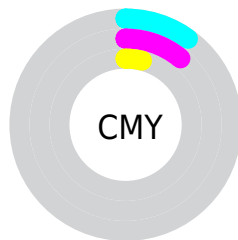
- Red (90%)
- Green (89%)
- Blue (96%)



- Red (90%)
- Yellow (89%)
- Blue (96%)



- Cyan (6%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (10%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.5360, 7.1308, -0.4701 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 230.5360, 7.1308, -0.4701 by changing the saturation by 10% instead.

■ 230.5360, 7.1308,
-0.4701

■ 230.5360, 7.1308,
-0.4701

255.0000, 0.0000,
0.0000

■ 202.5360, 7.1308,
-0.4701

■ 175.1230, 6.8414,
-0.9849

■ 148.4220, 6.6940,
-0.3701

■ 122.4220, 6.6940,
-0.3701

■ 97.8950, 5.9678,
-0.7849

■ 73.8950, 5.9678,
-0.7849

■ 51.7810, 5.5310,

-0.6849

■ 30.3680, 5.2416,
-1.1997

■ 5.0630, 7.8569,
-0.0553

■ 230.5360, 7.1308,
-0.4701

■ 230.5360, 7.1308,
-0.4701

■ 209.2830, 17.6085,
-1.1252

■ 251.2020, -3.0576,
0.6998

■ 188.9160, 27.6494,
-1.6803

■ 253.8600, -4.3680,
0.9998

■ 168.2500, 37.8377,
-2.8502

■ 147.2960, 48.1681,
-2.8906

■ 126.6300, 58.3564,
-4.0605

■ 105.3770, 68.8341,
-4.7156

■ 85.0100, 78.8751,
-5.2708

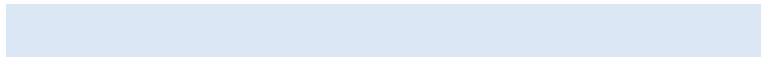
■ 63.7570, 89.3528,
-5.9259

■ 43.0910, 99.5411,
-7.0958

Harmonies

Analogous

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



229.4210, 8.1734, -8.2622



230.5360, 7.1308, -0.4701



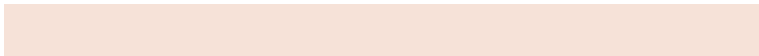
231.6680, 3.6147, 7.3072

Triad

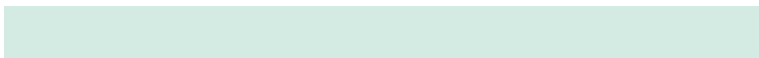
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.5360, 7.1308, -0.4701



230.8400, -7.3161, 13.2953



227.3250, 0.3328, -13.4400

Complementary

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



230.5360, 7.1308, -0.4701



242.4640, -7.1308, 0.4701

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.



227.9190, -3.9041, -7.8220



230.5360, 7.1308, -0.4701



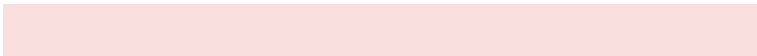
229.8670, -8.3154, 7.1326

Square

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



230.5360, 7.1308, -0.4701



231.3610, -4.1220, 15.4694



228.4640, -7.1308, 0.4701



227.4540, 4.7062, -16.1842

Rectangle

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



230.5360, 7.1308, -0.4701



232.0060, 0.9830, 11.3957



228.4640, -7.1308, 0.4701



227.5810, -1.2724, -11.9105

Sweetspot

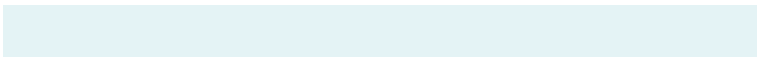
The Sweet Spot groups the original color and five complimentary colors.



230.5360, 7.1308, -0.4701



250.8690, 2.0366, 0.1149



238.7430, 3.0847, -9.4216



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.



230.5360, 7.1308, -0.4701



237.8780, 8.4411, -0.7700



232.9280, 5.9515, 4.4481



111.9660, 4.9468, 0.0298



27.7820, 78.0015, -5.0708



8.8190, 24.7392, -1.5953

Inverse Universe

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



234.7930, 4.0461, 8.9515



243.0320, 4.9142, 10.4959



240.0720, -5.9515, -4.4481



114.8420, 3.0359, 6.2776



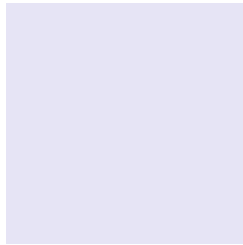
74.3100, 44.2172, 97.9521



23.5690, 14.0165, 31.0730

Previews

White Background



This preview shows how the YUV color 230.5360, 7.1308, -0.4701 looks on a white background.

Color Contrast Check

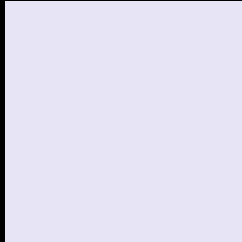
Large Text (above 18pt) WCAG AA × Fail

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 230.5360, 7.1308, -0.4701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

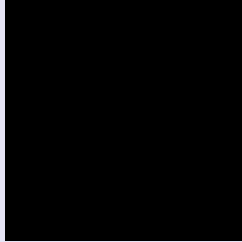
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 230.5360, 7.1308, -0.4701

Background



This preview shows how black text looks on a background with the YUV color 230.5360, 7.1308, -0.4701.



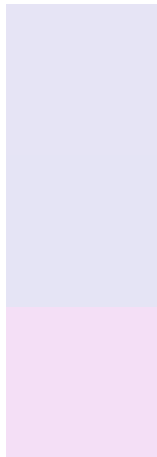
This preview shows how white text looks on a background with the YUV color 230.5360, 7.1308, -0.4701.

-0.4701.

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

230.5360, 7.1308, -0.4701

Protanopia

230.2370, 7.2782, -1.0848

Deuteranopia

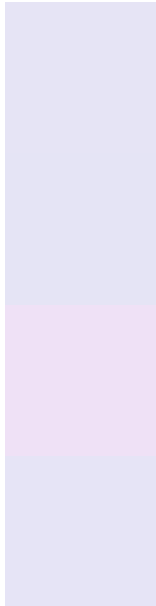
231.9010, 6.9508, 10.6108



Tritanopia

230.6500, 7.5675, -0.5701

Trichromacy



Original Color

230.5360, 7.1308, -0.4701

Protanomaly

230.2370, 7.2782, -1.0848

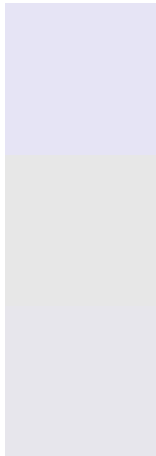
Deuteranomaly

231.5800, 7.1091, 6.5073

Tritanomaly

230.6500, 7.5675, -0.5701

Monochromacy



Original Color

230.5360, 7.1308, -0.4701

Achromatopsia

231.0000, 0.0000, 0.0000

Achromatomaly

230.9830, 2.4734, 0.0149

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.5360, 7.1308, -0.4701 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(230, 228, 245)` looks like.

```
.text, #text, p{  
    color:rgb(230, 228, 245)  
}
```

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(230, 228, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 228, 245) }
```

Border

The CSS property to change the border of an element to YUV 230.5360, 7.1308, -0.4701 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(230, 228, 245) }
```


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

```
.border{ border-color:rgb(230, 228, 245) }
```

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

Here you see how a box with a 4 pixel rgb(230, 228, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 228, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 228, 245);  
box-shadow:4px 4px 4px 4px rgb(230, 228,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 230.5360, 7.1308, -0.4701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 228, 245) }
```

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

```
.background{ background-color: rgb(230,  
228, 245) }
```

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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