

Converting Colors

YUV(231.1550, 11.7556, 9.5111)

Have a look what the booklet for
YUV(231.1550, 11.7556, 9.5111)
contains.

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Color

**YUV(231.1550, 11.7556,
9.5111)**

Conversions

Conversions Part 1

Format	Color
Hex	F2DDFF
RGB	242, 221, 255
RGB Percent	95%, 87%, 100%
CMY	0.0510, 0.1333, 0.0000
CMYK	0.05, 0.13, 0.00, 0.00
HSL	277°, 100%, 93%
HSV	277°, 13%, 100%
XYZ	80.5244, 77.8101, 105.3825
YIQ	231.1550, 1.6020, 15.0260

Conversions

Conversions Part 2

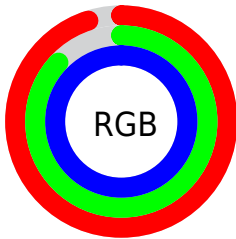
Format	Color
R _Y B	242, 221, 255
Decimal	15916543
CIE Lab	90.69, 13.23, -13.88
CIE LCh	91, 19.175, 313.628
Yxy	77.8101, 0.3053, 0.2951
Android (android.graphics.Color)	4294106623 (0xFFFF2DDFF)
YUV	231.1550, 11.7556, 9.5111
Hunter-Lab	88.2101, 8.5799, -9.0853

Details

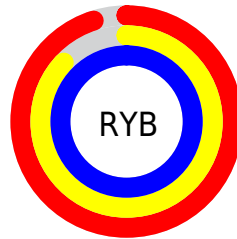
The YUV color $231.1550, 11.7556, 9.5111$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $244.8450, -11.7556, -9.5111$, and the grayscale version is $231.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $175.6280, 11.0294, 9.0962$ is the 20% darker color. If you saturate the color by 10%, you get $213.4900, 20.4644, 16.2333$, and if you desaturate by 10%, it is $249.4070, 2.7573, 2.2741$.

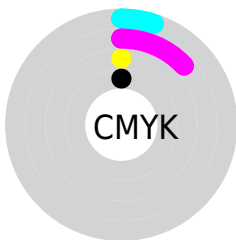
Distribution



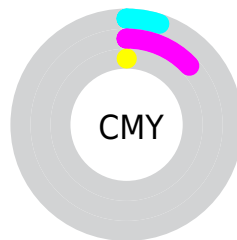
- Red (95%)
- Green (87%)
- Blue (100%)



- Red (95%)
- Yellow (87%)
- Blue (100%)



- Cyan (5%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.1550, 11.7556, 9.5111 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 231.1550, 11.7556, 9.5111 by changing the saturation by 10% instead.

231.1550, 11.7556,
9.5111

231.1550, 11.7556,
9.5111

255.0000, 0.0000,
0.0000

203.0410, 11.3188,
9.6110

175.6280, 11.0294,
9.0962

149.2150, 10.7400,
8.5814

122.8020, 10.4506,
8.0666

97.8020, 10.4506,
8.0666

74.2750, 9.7244,
7.6518

51.4490, 9.1456,

6.6222

■ 30.0360, 8.8563,
6.1074

■ 8.7590, 8.9928,
8.9814

■ 231.1550, 11.7556,
9.5111

■ 231.1550, 11.7556,
9.5111

■ 213.4900, 20.4644,
16.2333

■ 249.4070, 2.7573,
2.2741

■ 195.2380, 29.4627,
23.4703

255.0000, 0.0000,
0.0000

■ 177.8720, 38.0241,
30.8073

■ 159.6200, 47.0223,
38.0443

■ 141.9550, 55.7312,
44.7665

■ 123.7030, 64.7294,
52.0035

■ 106.3370, 73.2909,
59.3405

■ 88.0850, 82.2891,
66.5775

■ 76.0130, 88.2406,
71.0256

Harmonies

Analogous

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



227.8000, 13.4096, -7.7176



231.1550, 11.7556, 9.5111



230.8700, 4.0081, 21.1620

Triad

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



231.1550, 11.7556, 9.5111



229.2510, -17.3787, 20.8279



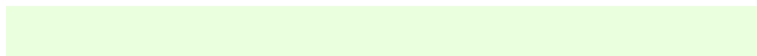
221.6150, 7.0918, -34.7424

Complementary

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



231.1550, 11.7556, 9.5111



244.8450, -11.7556, -9.5111

Split Complementary

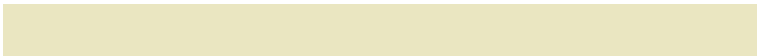
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222.4500, -2.6868, -24.9506



231.1550, 11.7556, 9.5111



226.9780, -16.7512, 6.1583

Square

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



231.1550, 11.7556, 9.5111



227.4670, -11.5692, 24.1464



224.5460, -11.6082, -10.1258



222.3790, 15.0962, -35.4124

Rectangle

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



231.1550, 11.7556, 9.5111



228.9150, -0.9441, 22.8765



224.5460, -11.6082, -10.1258



221.8280, 4.0288, -32.2982

Sweetspot

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



231.1550, 11.7556, 9.5111



247.9340, 3.4835, 2.6889



232.5070, 11.0890, -10.0916



122.9940, 2.4680, 1.7593



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.



231.1550, 11.7556, 9.5111



226.1490, 14.2235, 11.2703



234.5860, 8.0921, 17.9031



118.8740, 4.4991, 3.6185



57.0560, 66.0344, 53.4479



18.9570, 22.2062, 17.5777

Inverse Universe

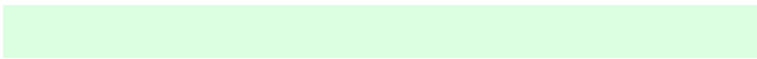
The Inverse Universe completely reimagines the original color for something new.



232.6480, 0.6665, 19.6027



228.0830, 0.9451, 23.6062



241.4140, -8.0921, -17.9031



119.4570, 0.2677, 7.4922



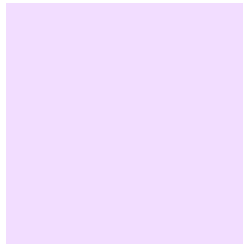
65.4310, 3.7315, 110.1240



21.8720, 1.0491, 36.9463

Previews

White Background



This preview shows how the YUV color 231.1550, 11.7556, 9.5111 looks on a white background.

Color Contrast Check

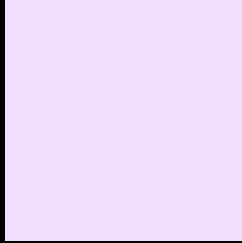
Large Text (above 18pt) WCAG AA × Fail

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 231.1550, 11.7556, 9.5111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

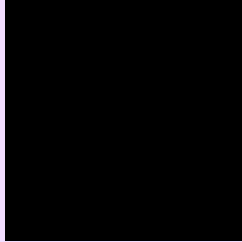
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 231.1550, 11.7556, 9.5111

Background



This preview shows how black text looks on a background with the YUV color 231.1550, 11.7556, 9.5111.



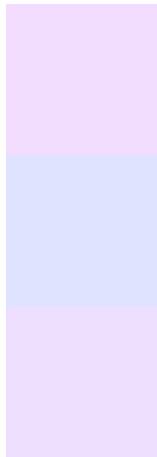
This preview shows how white text looks on a background with the YUV color 231.1550, 11.7556, 9.5111.

9.5111.

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

231.1550, 11.7556, 9.5111

Protanopia

229.2950, 12.6726, -4.6437

Deuteranopia

230.5460, 12.0558, 6.5372



Tritanopia

230.1350, 5.3564, 8.6516

Trichromacy



Original Color

231.1550, 11.7556, 9.5111

Protanomaly

230.2140, 12.2195, 0.6893

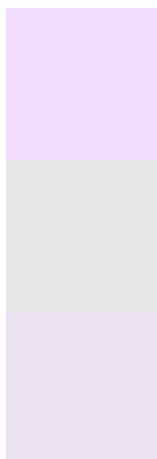
Deuteranomaly

230.8450, 11.9084, 7.1519

Tritanomaly

230.4170, 7.6824, 9.2813

Monochromacy



Original Color

231.1550, 11.7556, 9.5111

Achromatopsia

231.0000, 0.0000, 0.0000

Achromatomaly

230.8740, 4.4991, 3.6185

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.1550, 11.7556, 9.5111 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(242, 221, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 221, 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(242, 221, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 221, 255) }
```

Border

The CSS property to change the border of an element to YUV 231.1550, 11.7556, 9.5111 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(242, 221, 255) }
```


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

```
.border{ border-color:rgb(242, 221, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 221, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 221, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 221, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 221,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 231.1550, 11.7556, 9.5111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 221, 255) }
```

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

```
.background{ background-color: rgb(242,  
221, 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](#).

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