

Converting Colors

YUV(235.2420, 9.7407, 2.4188)

Have a look what the booklet for
YUV(235.2420, 9.7407, 2.4188)
contains.

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Color

**YUV(235.2420, 9.7407,
2.4188)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE6FF
RGB	238, 230, 255
RGB Percent	93%, 90%, 100%
CMY	0.0667, 0.0980, 0.0000
CMYK	0.07, 0.10, 0.00, 0.00
HSL	259°, 100%, 95%
HSV	259°, 10%, 100%
XYZ	81.6067, 81.9908, 106.1324
YIQ	235.2420, -3.2570, 9.4710

Conversions

Conversions Part 2

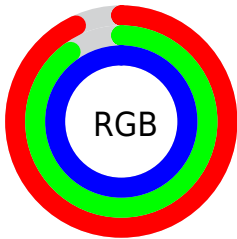
Format	Color
R _Y B	238, 230, 255
Decimal	15656703
CIE _{Lab}	92.57, 7.25, -11.11
CIE _{LCh}	93, 13.265, 303.116
Yxy	81.9908, 0.3025, 0.3040
Android (android.graphics.Color)	4293846783 (0xFFEEE6FF)
YUV	235.2420, 9.7407, 2.4188
Hunter-Lab	90.5488, 2.4121, -6.1098

Details

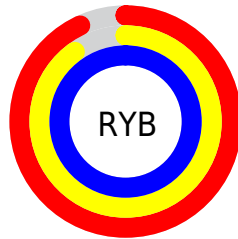
The YUV color `235.2420, 9.7407, 2.4188` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `249.7580, -9.7407, -2.4188`, and the grayscale version is `235.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `179.7150, 9.0145, 2.0039` is the 20% darker color. If you saturate the color by 10%, you get `215.4840, 19.4814, 4.8375`, and if you desaturate by 10%, it is `255.0000, 0.0000, 0.0000`.

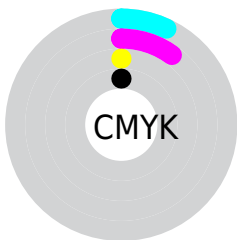
Distribution



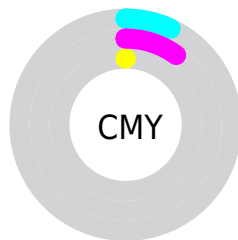
- Red (93%)
- Green (90%)
- Blue (100%)



- Red (93%)
- Yellow (90%)
- Blue (100%)



- Cyan (7%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.2420, 9.7407, 2.4188 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 235.2420, 9.7407, 2.4188 by changing the saturation by 10% instead.

235.2420, 9.7407,
2.4188

235.2420, 9.7407,
2.4188

255.0000, 0.0000,
0.0000

207.1280, 9.3039,
2.5187

179.7150, 9.0145,
2.0039

152.7150, 9.0145,
2.0039

126.6010, 8.5777,
2.1039

101.6010, 8.5777,
2.1039

78.0740, 7.8515,
1.6891

54.9600, 7.4147,

1.7891

■ 33.5470, 7.1253,
1.2743

■ 10.4980, 8.1355,
3.9483

■ 235.2420, 9.7407,
2.4188

■ 235.2420, 9.7407,
2.4188

■ 215.4840, 19.4814,
4.8375

255.0000, 0.0000,
0.0000

■ 194.8400, 29.6589,
7.1563

■ 175.0820, 39.3996,
9.5751

■ 154.7370, 49.4297,
12.5087

■ 134.6800, 59.3178,
14.3126

■ 114.3350, 69.3478,
17.2462

■ 94.5770, 79.0885,
19.6650

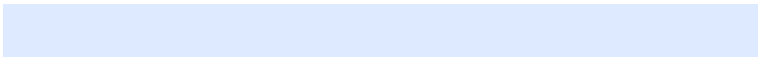
■ 73.9330, 89.2660,
21.9838

■ 54.1750, 99.0067,
24.4025

Harmonies

Analogous

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



232.8060, 10.9416, -9.4769



235.2420, 9.7407, 2.4188



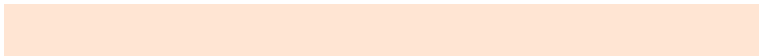
236.5270, 4.1772, 13.5698

Triad

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



235.2420, 9.7407, 2.4188



234.7220, -11.6949, 17.7838



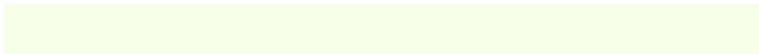
229.2530, 2.8333, -22.1469

Complementary

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



235.2420, 9.7407, 2.4188



249.7580, -9.7407, -2.4188

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.



230.1740, -4.0298, -14.1846



235.2420, 9.7407, 2.4188



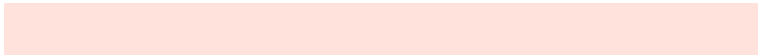
233.1400, -12.3940, 8.6472

Square

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



235.2420, 9.7407, 2.4188



233.9870, -6.8956, 18.4284



231.4590, -9.5933, -3.0335



230.0230, 8.3697, -24.5762

Rectangle

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



235.2420, 9.7407, 2.4188



235.3380, 0.8194, 17.2436



231.4590, -9.5933, -3.0335



229.5800, 0.2071, -19.8027

Sweetspot

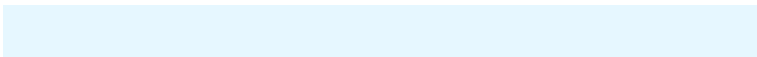
The Sweet Spot groups the original color and five complimentary colors.



235.2420, 9.7407, 2.4188



248.8090, 3.0522, 1.0445



242.8290, 6.0003, -11.2510



123.2820, 2.3260, 0.6297



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.



235.2420, 9.7407, 2.4188



230.5240, 12.0667, 3.0485



238.8300, 7.9718, 9.7961



117.6780, 5.0887, 1.1594



40.0130, 74.4366, 18.4056



13.2760, 25.0069, 5.8969

Inverse Universe

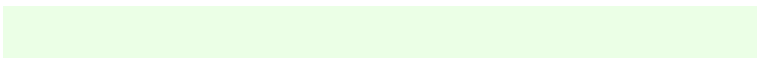
The Inverse Universe completely reimagines the original color for something new.



239.4130, 3.7404, 13.6698



235.6630, 4.6031, 16.9585



246.1700, -7.9718, -9.7961



119.7990, 1.5781, 7.1923



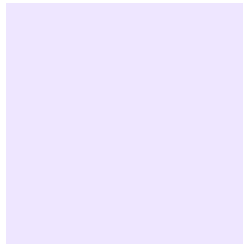
71.9290, 28.6290, 104.4253



24.0380, 9.3483, 35.0467

Previews

White Background



This preview shows how the YUV color 235.2420, 9.7407, 2.4188 looks on a white background.

Color Contrast Check

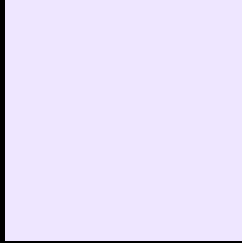
Large Text (above 18pt) WCAG AA × Fail

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 235.2420, 9.7407, 2.4188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

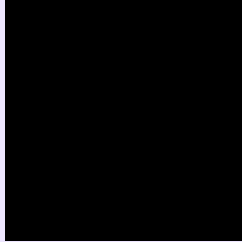
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 235.2420, 9.7407, 2.4188

Background



This preview shows how black text looks on a background with the YUV color 235.2420, 9.7407, 2.4188.



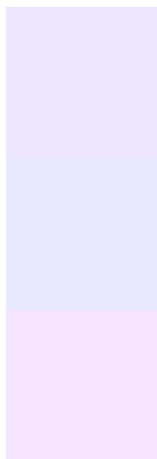
This preview shows how white text looks on a background with the YUV color 235.2420, 9.7407,

2.4188.

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

235.2420, 9.7407, 2.4188

Protanopia

234.3230, 10.1938, -2.9143

Deuteranopia

235.8730, 9.4296, 8.8814



Tritanopia

234.8460, 6.9779, 1.8891

Trichromacy



Original Color

235.2420, 9.7407, 2.4188

Protanomaly

234.6330, 10.0409, -0.5551

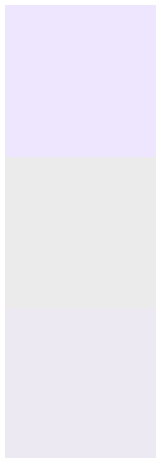
Deuteranomaly

235.5630, 9.5824, 6.5222

Tritanomaly

235.0740, 7.8515, 1.6891

Monochromacy



Original Color

235.2420, 9.7407, 2.4188

Achromatopsia

235.0000, 0.0000, 0.0000

Achromatomaly

234.9230, 3.4890, 0.9445

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.2420, 9.7407, 2.4188 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(238, 230, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 230, 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(238, 230, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 230, 255) }
```

Border

The CSS property to change the border of an element to YUV 235.2420, 9.7407, 2.4188 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(238, 230, 255) }
```


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

```
.border{ border-color:rgb(238, 230, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 230, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 230, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 230, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 230,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 235.2420, 9.7407, 2.4188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 230, 255) }
```

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

```
.background{ background-color: rgb(238,  
230, 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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