

Converting Colors

YUV(224.9480, 12.3506, 5.3076)

Have a look what the booklet for
YUV(224.9480, 12.3506, 5.3076)
contains.

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Color

**YUV(224.9480, 12.3506,
5.3076)**

Conversions

Conversions Part 1

Format	Color
Hex	E7D9FA
RGB	231, 217, 250
RGB Percent	91%, 85%, 98%
CMY	0.0941, 0.1490, 0.0196
CMYK	0.08, 0.13, 0.00, 0.02
HSL	265°, 77%, 92%
HSV	265°, 13%, 98%
XYZ	75.0232, 73.5168, 100.6785
YIQ	224.9480, -2.2490, 13.2310

Conversions

Conversions Part 2

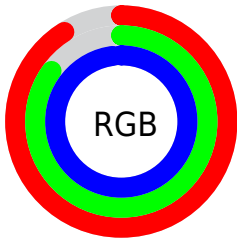
Format	Color
R_{YB}	231, 217, 250
Decimal	15194618
CIE _{Lab}	88.69, 10.82, -14.34
CIE _{LCh}	89, 17.963, 307.038
Yxy	73.5168, 0.3010, 0.2950
Android (android.graphics.Color)	4293384698 (0xFFE7D9FA)
YUV	224.9480, 12.3506, 5.3076
Hunter-Lab	85.7419, 6.1371, -9.5992

Details

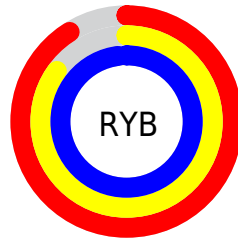
The YUV color $224.9480, 12.3506, 5.3076$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $242.0520, -12.3506, -5.3076$, and the grayscale version is $225.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $169.4210, 11.6244, 4.8928$ is the 20% darker color. If you saturate the color by 10%, you get $206.0870, 21.6491, 9.5707$, and if you desaturate by 10%, it is $243.8090, 3.0522, 1.0445$.

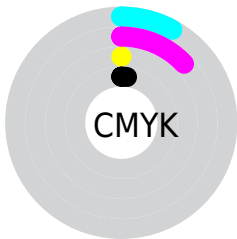
Distribution



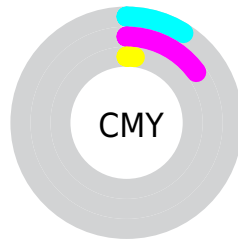
- Red (91%)
- Green (85%)
- Blue (98%)



- Red (91%)
- Yellow (85%)
- Blue (98%)



- Cyan (8%)
- Magenta (13%)
- Yellow (0%)
- Black (2%)



- Cyan (9%)
- Magenta (15%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 224.9480, 12.3506, 5.3076 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 224.9480, 12.3506, 5.3076 by changing the saturation by 10% instead.

■ 224.9480, 12.3506,
5.3076

■ 224.9480, 12.3506,
5.3076

255.0000, 0.0000,
0.0000

■ 196.8340, 11.9138,
5.4076

■ 169.4210, 11.6244,
4.8928

■ 143.3070, 11.1876,
4.9928

■ 117.8940, 10.8983,
4.4780

■ 92.7800, 10.4615,
4.5779

■ 69.3670, 10.1721,
4.0631

■ 46.8400, 9.4459,

3.6483

■ 26.0140, 8.8671,
2.6187

■ 2.7360, 10.4832,
-2.3995

■ 224.9480, 12.3506,
5.3076

■ 224.9480, 12.3506,
5.3076

■ 206.0870, 21.6491,
9.5707

■ 243.8090, 3.0522,
1.0445

■ 186.9270, 31.0950,
13.2190

■ 254.4300, -2.1840,
0.4999

■ 168.0660, 40.3935,
17.4821

■ 148.9060, 49.8393,
21.1304

■ 130.0450, 59.1378,
25.3935

■ 111.1840, 68.4363,
29.6566

■ 92.0240, 77.8822,
33.3050

■ 73.1630, 87.1806,
37.5680

■ 60.1940, 93.5744,
40.1719

Harmonies

Analogous

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



222.4620, 16.0412, -11.8062



224.9480, 12.3506, 5.3076



226.3860, 4.7397, 19.8325

Triad

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



224.9480, 12.3506, 5.3076



223.4190, -15.4896, 21.5575



216.6540, 4.6076, -31.2686

Complementary

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



224.9480, 12.3506, 5.3076



242.0520, -12.3506, -5.3076

Split Complementary

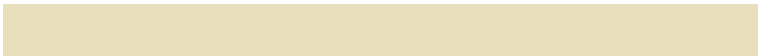
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



218.0160, -4.4449, -21.0620



224.9480, 12.3506, 5.3076



221.8150, -16.1778, 8.9322

Square

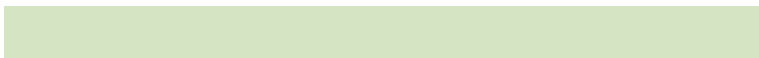
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



224.9480, 12.3506, 5.3076



224.4180, -10.5591, 26.8204



219.7530, -12.2032, -5.9224



217.4070, 12.6173, -33.6829

Rectangle

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



224.9480, 12.3506, 5.3076



225.7520, -0.3707, 25.6505



219.7530, -12.2032, -5.9224



216.8670, 1.5446, -28.8244

Sweetspot

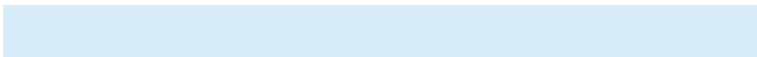
The Sweet Spot groups the original color and five complimentary colors.



224.9480, 12.3506, 5.3076



247.3360, 3.7784, 1.4593



231.9150, 8.9159, -13.0805



122.6950, 2.6154, 1.1445



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.



224.9480, 12.3506, 5.3076



224.0560, 15.2554, 6.9669



229.7320, 9.9921, 15.1440



115.2760, 4.7939, 2.3889



45.4660, 70.7623, 30.2863



14.7280, 22.8121, 9.8855

Inverse Universe

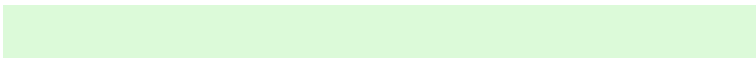
The Inverse Universe completely reimagines the original color for something new.



229.0330, 3.4347, 18.3881



228.9950, 4.4395, 22.8064



237.2680, -9.9921, -15.1440



116.7990, 1.5781, 7.1923



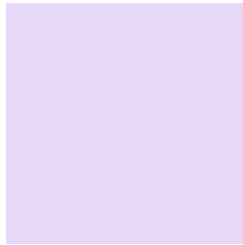
68.9370, 19.7511, 105.2953



22.2290, 6.2961, 34.0022

Previews

White Background



This preview shows how the YUV color 224.9480, 12.3506, 5.3076 looks on a white background.

Color Contrast Check

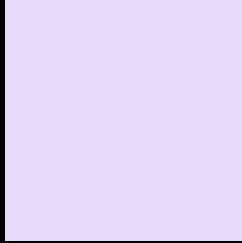
Large Text (above 18pt) WCAG AA × Fail

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 224.9480, 12.3506, 5.3076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

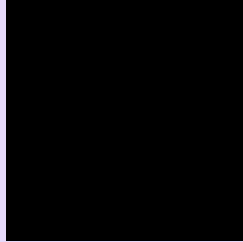
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 224.9480, 12.3506, 5.3076

Background



This preview shows how black text looks on a background with the YUV color 224.9480, 12.3506, 5.3076.

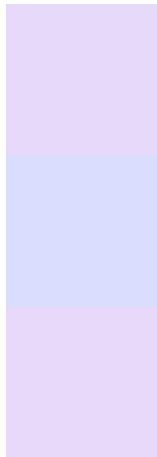


This preview shows how white text looks on a background with the YUV color 224.9480, 12.3506, 5.3076.

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

224.9480, 12.3506, 5.3076

Protanopia

223.7510, 14.4198, -5.0436

Deuteranopia

225.2470, 12.2032, 5.9224



Tritanopia

224.0420, 6.3883, 4.3482

Trichromacy



Original Color

224.9480, 12.3506, 5.3076

Protanomaly

224.5450, 13.5353, -1.3550

Deuteranomaly

225.2470, 12.2032, 5.9224

Tritanomaly

224.3240, 8.7143, 4.9779

Monochromacy



Original Color

224.9480, 12.3506, 5.3076

Achromatopsia

225.0000, 0.0000, 0.0000

Achromatomaly

224.8630, 4.5045, 1.8741

CSS Examples

Text

The CSS property to change the color of the text to YUV 224.9480, 12.3506, 5.3076 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, 217, 250)` looks like.

```
.text, #text, p{  
    color:rgb(231, 217, 250)  
}
```

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, 217, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 217, 250) }
```

Border

The CSS property to change the border of an element to YUV 224.9480, 12.3506, 5.3076 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, 217, 250) }
```


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

```
.border{ border-color:rgb(231, 217, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 217, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 217, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 217, 250);  
box-shadow:4px 4px 4px 4px rgb(231, 217,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 224.9480, 12.3506, 5.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 217, 250) }
```

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

```
.background{ background-color: rgb(231,  
217, 250) }
```

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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