

Converting Colors

YUV(225.4910, 12.0829,
-2.1846)

Have a look what the booklet for
YUV(225.4910, 12.0829, -2.1846)
contains.

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Color

**YUV(225.4910, 12.0829,
-2.1846)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDEFA
RGB	223, 222, 250
RGB Percent	87%, 87%, 98%
CMY	0.1255, 0.1294, 0.0196
CMYK	0.11, 0.11, 0.00, 0.02
HSL	242°, 74%, 93%
HSV	242°, 11%, 98%
XYZ	73.8080, 74.8327, 100.9965
YIQ	225.4910, -8.3920, 8.9200

Conversions

Conversions Part 2

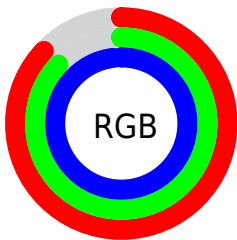
Format	Color
R _Y B	223, 222, 250
Decimal	14671610
CIE Lab	89.31, 5.64, -13.47
CIE LCh	89, 14.604, 292.697
Yxy	74.8327, 0.2957, 0.2998
Android (android.graphics.Color)	4292861690 (0xFFDFDEFA)
YUV	225.4910, 12.0829, -2.1846
Hunter-Lab	86.5059, 0.9134, -8.6676

Details

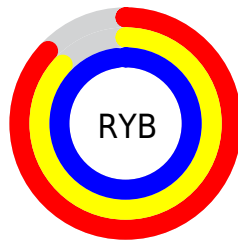
The YUV color $225.4910, 12.0829, -2.1846$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $246.5090, -12.0829, 2.1846$, and the grayscale version is $225.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $170.3770, 11.6461, -2.0846$ is the 20% darker color. If you saturate the color by 10%, you get $203.6400, 22.8555, -4.0693$, and if you desaturate by 10%, it is $247.3420, 1.3104, -0.2999$.

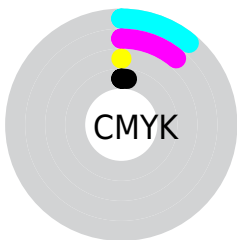
Distribution



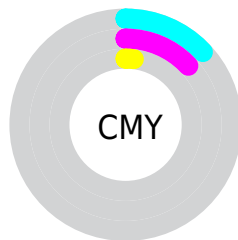
- Red (87%)
- Green (87%)
- Blue (98%)



- Red (87%)
- Yellow (87%)
- Blue (98%)



- Cyan (11%)
- Magenta (11%)
- Yellow (0%)
- Black (2%)



- Cyan (13%)
- Magenta (13%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 225.4910, 12.0829, -2.1846 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 225.4910, 12.0829, -2.1846 by changing the saturation by 10% instead.

■ 225.4910, 12.0829,
-2.1846

■ 225.4910, 12.0829,
-2.1846

255.0000, 0.0000,
0.0000

■ 197.3770, 11.6461,
-2.0846

■ 170.3770, 11.6461,
-2.0846

■ 143.8500, 10.9200,
-2.4994

■ 118.1490, 10.7725,
-1.8847

■ 93.6220, 10.0464,
-2.2995

■ 69.6220, 10.0464,
-2.2995

■ 47.0950, 9.3202,

-2.7143

■ 25.9810, 8.8834,
-2.6143

■ 2.7360, 10.4832,
-2.3995

■ 225.4910, 12.0829,
-2.1846

■ 225.4910, 12.0829,
-2.1846

■ 203.6400, 22.8555,
-4.0693

■ 247.3420, 1.3104,
-0.2999

■ 181.7890, 33.6280,
-5.9540

■ 254.4300, -2.1840,
0.4999

■ 159.9380, 44.4006,
-7.8386

■ 138.0870, 55.1731,
-9.7233

■ 115.9370, 66.0931,
-12.2227

■ 94.0860, 76.8656,
-14.1074

■ 72.2350, 87.6381,
-15.9921

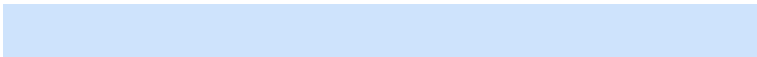
■ 50.3840, 98.4107,
-17.8768

■ 31.1910, 107.8728,
-19.4615

Harmonies

Analogous

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



223.5710, 14.0155, -15.4098



225.4910, 12.0829, -2.1846



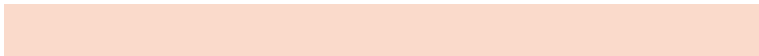
227.2000, 6.8034, 11.2256

Triad

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



225.4910, 12.0829, -2.1846



225.8580, -11.2690, 21.1725



220.1560, -0.0769, -22.0618

Complementary

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



225.4910, 12.0829, -2.1846



246.5090, -12.0829, 2.1846

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.



221.3870, -7.0928, -11.7404



225.4910, 12.0829, -2.1846



224.2330, -13.4259, 12.9507

Square

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



225.4910, 12.0829, -2.1846



226.8460, -6.3331, 24.6911



222.9110, -11.7881, 0.9551



220.0720, 7.3595, -27.2501

Rectangle

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



225.4910, 12.0829, -2.1846



227.5060, 2.7085, 17.9732



222.9110, -11.7881, 0.9551



220.3090, -2.1243, -18.6880

Sweetspot

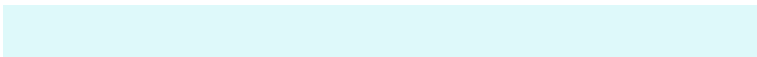
The Sweet Spot groups the original color and five complimentary colors.



225.4910, 12.0829, -2.1846



248.2110, 3.3470, -0.1850



241.0410, 4.4168, -16.6990



122.9830, 2.4734, 0.0149



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.



225.4910, 12.0829, -2.1846



226.0610, 14.2669, -2.6845



229.6770, 10.0192, 6.4223



113.7810, 5.5310, -0.6849



23.6390, 81.5230, -14.5924



7.5520, 26.3499, -4.8691

Inverse Universe

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



233.4500, 7.6662, 14.5144



235.5150, 9.1131, 17.0883



242.3230, -10.0192, -6.4223



117.3690, 3.7621, 6.6924



77.2590, 51.6373, 97.9969



24.9650, 16.7793, 31.6027

Previews

White Background



This preview shows how the YUV color 225.4910, 12.0829, -2.1846 looks on a white background.

Color Contrast Check

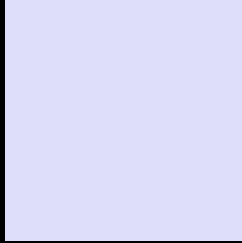
Large Text (above 18pt) WCAG AA × Fail

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 225.4910, 12.0829, -2.1846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

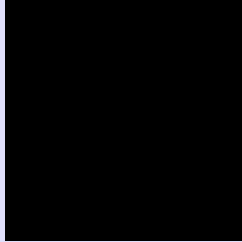
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 225.4910, 12.0829, -2.1846

Background



This preview shows how black text looks on a background with the YUV color 225.4910, 12.0829, -2.1846.



This preview shows how white text looks on a background with the YUV color 225.4910, 12.0829, -2.1846.

-2.1846.

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

225.4910, 12.0829, -2.1846

Protanopia

225.4800, 12.0884, -3.9290

Deuteranopia

226.5460, 12.0558, 6.5372



Tritanopia

224.7530, 8.0098, -2.4144

Trichromacy



Original Color

225.4910, 12.0829, -2.1846

Protanomaly

225.7790, 11.9410, -3.3142

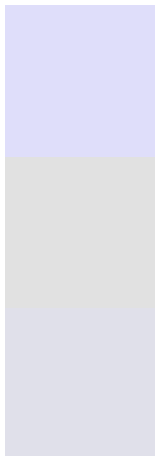
Deuteranomaly

225.9370, 12.3561, 3.5633

Tritanomaly

225.0950, 9.3202, -2.7143

Monochromacy



Original Color

225.4910, 12.0829, -2.1846

Achromatopsia

225.0000, 0.0000, 0.0000

Achromatomaly

225.1400, 4.3680, -0.9998

CSS Examples

Text

The CSS property to change the color of the text to YUV 225.4910, 12.0829, -2.1846 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(223, 222, 250)` looks like.

```
.text, #text, p{  
    color:rgb(223, 222, 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(223, 222, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 222, 250) }
```

Border

The CSS property to change the border of an element to YUV 225.4910, 12.0829, -2.1846 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(223, 222, 250) }
```


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

```
.border{ border-color:rgb(223, 222, 250) }
```

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

Here you see how a box with a 4 pixel rgb(223, 222, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 222, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 222, 250);  
box-shadow:4px 4px 4px 4px rgb(223, 222,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 225.4910, 12.0829, -2.1846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 222, 250) }
```

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

```
.background{ background-color: rgb(223,  
222, 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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