

# Converting Colors

YUV(211.4480, 14.0761,  
11.8851)

Have a look what the booklet for  
YUV(211.4480, 14.0761, 11.8851)  
contains.

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# Color

**YUV(211.4480, 14.0761,  
11.8851)**

# Conversions

Conversions Part 1	
Format	Color
Hex	E1C7F0
RGB	225, 199, 240
RGB Percent	88%, 78%, 94%
CMY	0.1176, 0.2196, 0.0588
CMYK	0.06, 0.17, 0.00, 0.06
HSL	278°, 58%, 86%
HSV	278°, 17%, 94%
XYZ	67.2029, 63.1457, 91.0844
YIQ	211.4480, 2.3350, 18.2630

# Conversions

## Conversions Part 2

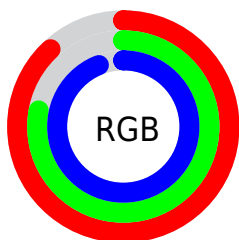
Format	Color
<a href="#">RYB</a>	<a href="#">225, 199, 240</a>
Decimal	<a href="#">14796784</a>
CIELab	<a href="#">83.52, 16.48, -16.86</a>
CIELCh	<a href="#">84, 23.576, 314.335</a>
Yxy	<a href="#">63.1457, 0.3035, 0.2852</a>
Android (android.graphics.Color)	<a href="#">4292986864</a> (0xFFE1C7F0)
YUV	<a href="#">211.4480, 14.0761, 11.8851</a>
Hunter-Lab	<a href="#">79.4642, 11.8951, -12.3351</a>

# Details

The YUV color **211.4480, 14.0761, 11.8851** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **227.5520, -14.0761, -11.8851**, and the grayscale version is **211.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **156.9210, 13.3499, 11.4703** is the 20% darker color. If you saturate the color by 10%, you get **194.6690, 22.3482, 18.7073**, and if you desaturate by 10%, it is **228.2270, 5.8041, 5.0629**.

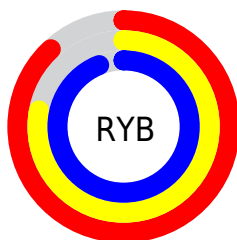
# Distribution



Red (88%)

Green (78%)

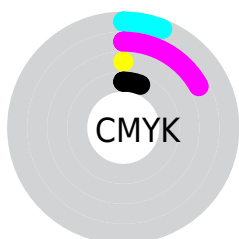
Blue (94%)



Red (88%)

Yellow (78%)

Blue (94%)

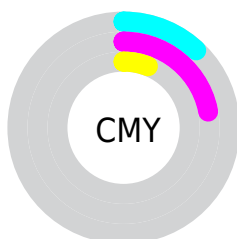


Cyan (6%)

Magenta (17%)

Yellow (0%)

Black (6%)



Cyan (12%)

Magenta (22%)

Yellow (6%)


# Brightness & Saturation


## Gradients

These gradients show how the YUV color 211.4480, 14.0761, 11.8851 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 211.4480, 14.0761, 11.8851 by changing the saturation by 10% instead.





 211.4480, 14.0761,  
11.8851


 211.4480, 14.0761,  
11.8851


255.0000, 0.0000,  
0.0000


 184.0350, 13.7867,  
11.3703

 156.9210, 13.3499,  
11.4703

 130.5080, 13.0606,  
10.9555

 105.0950, 12.7712,  
10.4407

 81.2690, 12.1924,  
9.4111

 57.7420, 11.4662,  
8.9963

 35.9160, 10.8874,

7.9667

■ 13.1660, 11.7502,  
11.2554

■ 2.0690, 5.3890,  
-1.8145

■ 211.4480, 14.0761,  
11.8851

■ 211.4480, 14.0761,  
11.8851

■ 194.6690, 22.3482,  
18.7073

■ 228.2270, 5.8041,  
5.0629

■ 177.8900, 30.6202,  
25.5295

■ 245.0060, -2.4680,  
-1.7593

■ 161.4100, 38.7449,  
32.9664

■ 252.0940, -5.9623,  
-0.9594

■ 144.6310, 47.0169,  
39.7886

■ 253.2900, -6.5520,  
1.4997

■ 127.8520, 55.2890,  
46.6108

■ 111.0730, 63.5610,  
53.4330

■ 94.5930, 71.6857,  
60.8699

■ 77.8140, 79.9577,  
67.6921

■ 72.8080, 82.4257,  
69.4514

# Harmonies

## Analogous

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



208.4390, 20.9826, -10.0320



211.4480, 14.0761, 11.8851



212.3270, 4.2758, 28.6542

# Triad

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



211.4480, 14.0761, 11.8851



208.6490, -21.0260, 23.9868



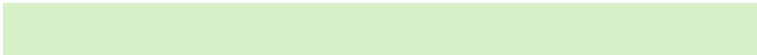
199.1300, 9.3029, -43.9640

# Complementary

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



211.4480, 14.0761, 11.8851



227.5520, -14.0761, -11.8851

# 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.



200.7050, -2.8126, -31.3133



211.4480, 14.0761, 11.8851



206.0660, -20.2455, 6.9581

# Square

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



211.4480, 14.0761, 11.8851



210.0940, -15.8223, 34.9976



203.3670, -13.4919, -12.5999



200.2360, 18.6177, -44.9340



# Rectangle

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



211.4480, 14.0761, 11.8851



211.8350, -2.8767, 36.1017



203.3670, -13.4919, -12.5999



199.5280, 5.6557, -40.8051

# Sweetspot

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



211.4480, 14.0761, 11.8851



245.8740, 4.4991, 3.6185



212.4790, 13.5679, -11.8211



122.4070, 2.7573, 2.2741



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.



211.4480, 14.0761, 11.8851



217.3220, 18.5753, 15.5036



215.3630, 9.6810, 21.6066



111.4610, 4.2097, 3.1037



55.6600, 63.2716, 52.9182



17.1480, 19.1540, 16.5332



# Inverse Universe

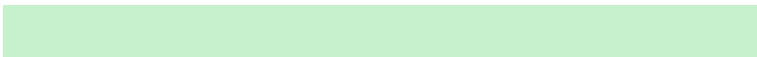
The Inverse Universe completely reimagines the original color for something new.



212.9690, 0.5083, 23.7062



219.4260, 0.7760, 31.1984



223.6370, -9.6810, -21.6066



112.0440, -0.0217, 6.9774



62.6540, 2.1426, 106.4204

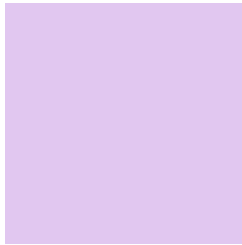


19.1380, 0.9180, 32.3280



# Previews

## White Background



This preview shows how the YUV color 211.4480, 14.0761, 11.8851 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

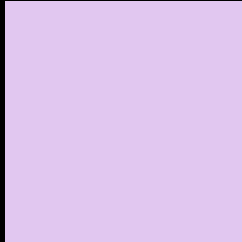
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 211.4480, 14.0761, 11.8851 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

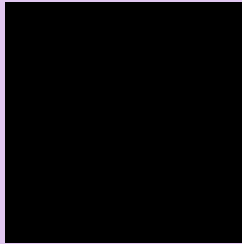
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 211.4480, 14.0761, 11.8851

## Background



This preview shows how black text looks on a background with the YUV color 211.4480, 14.0761, 11.8851.



This preview shows how white text looks on a background with the YUV color 211.4480, 14.0761, 11.8851.



# 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

211.4480, 14.0761, 11.8851

### Protanopia

208.9510, 17.7722, -6.9730

### Deuteranopia

210.3930, 14.1033, 3.1633



## Tritanopia

210.5050, 4.1880, 10.0811

# Trichromacy



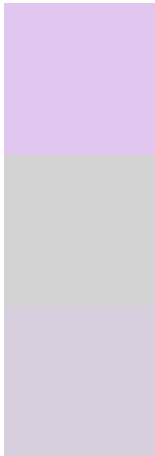
**Original Color**  
211.4480, 14.0761, 11.8851

**Protanomaly**  
209.6530, 16.4401, 0.3043

**Deuteranomaly**  
211.0020, 13.8030, 6.1372

**Tritanomaly**  
211.1290, 7.8244, 10.4109

# Monochromacy



**Original Color**  
211.4480, 14.0761, 11.8851

**Achromatopsia**  
211.0000, 0.0000, 0.0000

**Achromatomaly**  
211.4010, 5.2253, 4.0333

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 211.4480, 14.0761, 11.8851 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(225, 199, 240)` looks like.

```
.text, #text, p{  
    color:rgb(225, 199, 240)  
}
```

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(225, 199, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 199, 240) }
```

## Border

The CSS property to change the border of an element to YUV 211.4480, 14.0761, 11.8851 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(225, 199, 240) }
```



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

```
.border{ border-color:rgb(225, 199, 240) }
```

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

Here you see how a box with a 4 pixel rgb(225, 199, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 199, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 199, 240);  
box-shadow:4px 4px 4px 4px rgb(225, 199,  
240) }
```

# Background

The CSS property to change the background color of an element to YUV 211.4480, 14.0761, 11.8851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 199, 240) }
```

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

```
.background{ background-color: rgb(225,  
199, 240) }
```

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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