

# Converting Colors

YUV(224.0190, 11.3296, 6.1223)

Have a look what the booklet for  
YUV(224.0190, 11.3296, 6.1223)  
contains.

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# Color

**YUV(224.0190, 11.3296,  
6.1223)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7D8F7
RGB	231, 216, 247
RGB Percent	91%, 85%, 97%
CMY	0.0941, 0.1529, 0.0314
CMYK	0.06, 0.13, 0.00, 0.03
HSL	269°, 66%, 91%
HSV	269°, 13%, 97%
XYZ	74.2994, 72.8161, 98.1346
YIQ	224.0190, -1.0110, 12.8210

# Conversions

## Conversions Part 2

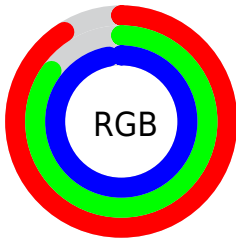
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	231, 216, 247
Decimal	15194359
CIE Lab	88.36, 10.77, -13.26
CIE LCh	88, 17.080, 309.080
Yxy	72.8161, 0.3030, 0.2969
Android (android.graphics.Color)	4293384439 (0xFFE7D8F7)
YUV	224.0190, 11.3296, 6.1223
Hunter-Lab	85.3323, 6.0894, -8.4526

# Details

The YUV color  $224.0190, 11.3296, 6.1223$  is a light color, and the websafe version is hex  $CCCCFF$ . A complement of this color would be  $238.9810, -11.3296, -6.1223$ , and the grayscale version is  $224.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $168.6060, 11.0402, 5.6075$  is the 20% darker color. If you saturate the color by 10%, you get  $205.4570, 20.4807, 11.0002$ , and if you desaturate by 10%, it is  $242.5810, 2.1786, 1.2445$ .

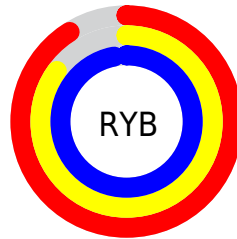
# Distribution



Red (91%)

Green (85%)

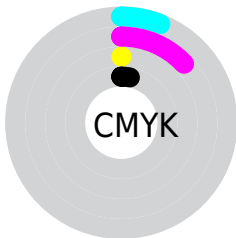
Blue (97%)



Red (91%)

Yellow (85%)

Blue (97%)

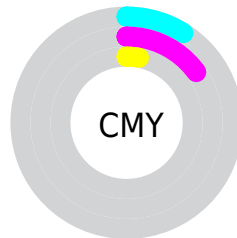


Cyan (6%)

Magenta (13%)

Yellow (0%)

Black (3%)



Cyan (9%)

Magenta (15%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 224.0190, 11.3296, 6.1223 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 224.0190, 11.3296, 6.1223 by changing the saturation by 10% instead.



224.0190, 11.3296,  
6.1223

224.0190, 11.3296,  
6.1223

255.0000, 0.0000,  
0.0000

195.9050, 10.8928,  
6.2223

168.6060, 11.0402,  
5.6075

142.4920, 10.6034,  
5.7075

116.9650, 9.8773,  
5.2927

91.9650, 9.8773,  
5.2927

68.4380, 9.1511,  
4.8779

46.0250, 8.8617,

4.3631

■ 25.1990, 8.2829,  
3.3335

■ 2.5080, 9.6096,  
-2.1995

■ 224.0190, 11.3296,  
6.1223

■ 224.0190, 11.3296,  
6.1223

■ 205.4570, 20.4807,  
11.0002

■ 242.5810, 2.1786,  
1.2445

■ 187.7810, 29.1950,  
15.9781

■ 254.0880, -3.4944,  
0.7998

■ 169.2190, 38.3460,  
20.8559

■ 150.6570, 47.4971,  
25.7338

■ 132.0950, 56.6482,  
30.6117

■ 114.4190, 65.3624,  
35.5895

■ 95.8570, 74.5135,  
40.4674

■ 77.2950, 83.6646,  
45.3453

■ 64.0380, 90.2003,  
49.0787

# Harmonies

## Analogous

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



221.4730, 16.0358, -10.0618



224.0190, 11.3296, 6.1223



224.9730, 4.4503, 19.3177

# Triad

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



224.0190, 11.3296, 6.1223



222.5220, -15.0473, 19.7132



215.7790, 5.0390, -29.6242

# Complementary

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



224.0190, 11.3296, 6.1223



238.9810, -11.3296, -6.1223

# 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.



216.9560, -3.4293, -20.1324



224.0190, 11.3296, 6.1223



220.7440, -15.1568, 8.1175

# Square

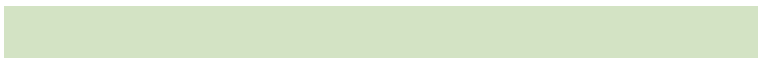
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



224.0190, 11.3296, 6.1223



223.7170, -10.7065, 27.4352



218.6820, -11.1822, -6.7371



216.7170, 12.4645, -31.3238



# Rectangle

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



224.0190, 11.3296, 6.1223



225.2250, -1.0969, 25.2357



218.6820, -11.1822, -6.7371



216.1060, 2.4127, -27.2800

# Sweetspot

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



224.0190, 11.3296, 6.1223



247.6350, 3.6309, 2.0741



228.9260, 8.9105, -11.3361



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.



224.0190, 11.3296, 6.1223



226.7140, 13.9450, 7.2668



228.5040, 9.1185, 15.3440



113.1620, 4.3571, 2.4889



48.1140, 67.9778, 36.7340



15.0980, 21.6437, 11.3151



# Inverse Universe

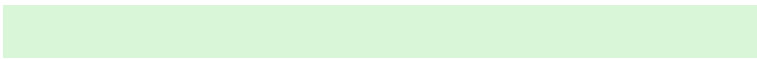
The Inverse Universe completely reimagines the original color for something new.



227.0930, 2.4192, 17.4584



230.5280, 2.6977, 21.4619



234.4960, -9.1185, -15.3440



114.2720, 0.8519, 6.7775



66.5580, 14.5149, 104.7506

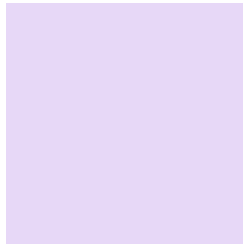


21.0610, 4.4069, 33.2725



# Previews

## White Background



This preview shows how the YUV color 224.0190, 11.3296, 6.1223 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

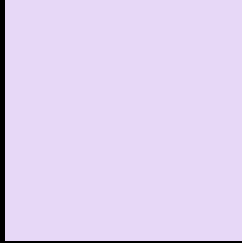
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 224.0190, 11.3296, 6.1223 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

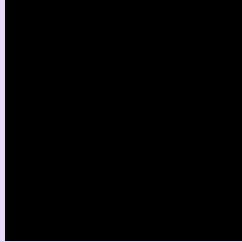
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 224.0190, 11.3296, 6.1223

## Background



This preview shows how black text looks on a background with the YUV color 224.0190, 11.3296, 6.1223.



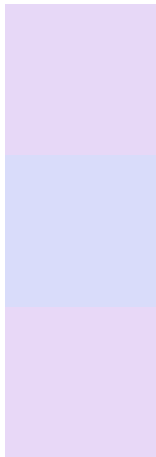
This preview shows how white text looks on a background with the YUV color 224.0190, 11.3296,

6.1223.

# 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

224.0190, 11.3296, 6.1223

### Protanopia

222.5230, 13.5462, -4.8437

### Deuteranopia

224.3180, 11.1822, 6.7371



## Tritanopia

223.2270, 5.8041, 5.0629

# Trichromacy



## Original Color

224.0190, 11.3296, 6.1223

## Protanomaly

223.3170, 12.6617, -1.1550

## Deuteranomaly

224.3180, 11.1822, 6.7371

## Tritanomaly

223.3950, 7.6933, 5.7926

# Monochromacy



## Original Color

224.0190, 11.3296, 6.1223

## Achromatopsia

224.0000, 0.0000, 0.0000

## Achromatomaly

224.0480, 3.9203, 2.5889

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 224.0190, 11.3296, 6.1223 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, 216, 247)` looks like.

```
.text, #text, p{  
    color:rgb(231, 216, 247)  
}
```

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, 216, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 216, 247) }
```

## Border

The CSS property to change the border of an element to YUV 224.0190, 11.3296, 6.1223 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, 216, 247) }
```



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

```
.border{ border-color:rgb(231, 216, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 216, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 216, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 216, 247);  
box-shadow:4px 4px 4px 4px rgb(231, 216,  
247) }
```

# Background

The CSS property to change the background color of an element to YUV 224.0190, 11.3296, 6.1223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 216, 247) }
```

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

```
.background{ background-color: rgb(231,  
216, 247) }
```

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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