

# Converting Colors

YUV(202.7320, 13.4431,  
28.2990)

Have a look what the booklet for  
YUV(202.7320, 13.4431, 28.2990)  
contains.

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# Color

**YUV(202.7320, 13.4431,  
28.2990)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBB5E6
RGB	235, 181, 230
RGB Percent	92%, 71%, 90%
CMY	0.0784, 0.2902, 0.0980
CMYK	0.00, 0.23, 0.02, 0.08
HSL	306°, 57%, 82%
HSV	306°, 23%, 92%
XYZ	65.0678, 56.4231, 82.3242
YIQ	202.7320, 16.4550, 26.6870

# Conversions

## Conversions Part 2

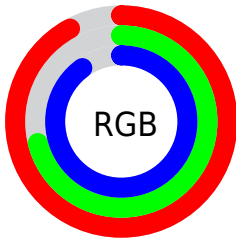
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	235, 181, 230
Decimal	15447526
CIE Lab	79.85, 27.51, -16.94
CIE LCh	80, 32.301, 328.377
Yxy	56.4231, 0.3192, 0.2768
Android (android.graphics.Color)	4293637606 (0xFFEBB5E6)
YUV	202.7320, 13.4431, 28.2990
Hunter-Lab	75.1153, 23.1718, -12.3994

# Details

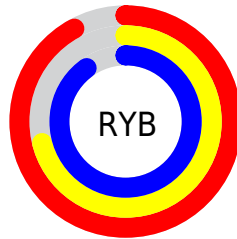
The YUV color **202.7320, 13.4431, 28.2990** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **213.2680, -13.4431, -28.2990**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.4340, 5.2090, 9.2664**, and **148.4930, 12.5750, 26.7546** is the 20% darker color. If you saturate the color by 10%, you get **189.0030, 19.2255, 40.3394**, and if you desaturate by 10%, it is **217.0480, 7.3713, 15.7439**.

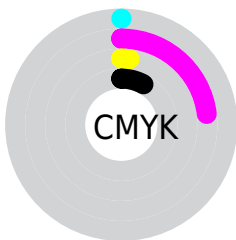
# Distribution



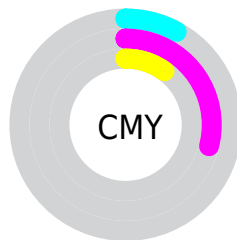
- Red (92%)
- Green (71%)
- Blue (90%)



- Red (92%)
- Yellow (71%)
- Blue (90%)



- Cyan (0%)
- Magenta (23%)
- Yellow (2%)
- Black (8%)




- Cyan (8%)
- Magenta (29%)
- Yellow (10%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 202.7320, 13.4431, 28.2990 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 202.7320, 13.4431, 28.2990 by changing the saturation by 10% instead.





 202.7320, 13.4431,  
28.2990


 202.7320, 13.4431,  
28.2990


255.0000, 0.0000,  
0.0000


 175.0200, 13.3011,  
27.1695


 244.4340, 5.2090,  
9.2664

 148.4930, 12.5750,  
26.7546

 122.1940, 12.7224,  
26.1399

 97.0690, 12.2910,  
24.4955

 72.6560, 12.0016,  
23.9807

 48.9440, 11.8596,  
22.8511

 25.6450, 12.0070,

22.2363

■ 13.2870, 8.2395,  
17.2883

■ 0.0000, 0.0000,  
0.0000

■ 202.7320, 13.4431,  
28.2990

■ 202.7320, 13.4431,  
28.2990

■ 189.0030, 19.2255,  
40.3394

■ 217.0480, 7.3713,  
15.7439

■ 174.6870, 25.2973,  
52.8945

■ 230.7770, 1.5889,  
3.7036

■ 160.8440, 30.6429,  
65.0348

■ 245.2070, -4.0461,  
-8.9515

■ 146.5280, 36.7147,  
77.5899

■ 247.1960, -4.0406,  
-10.6959

132.7990, 42.4971,  
89.6303

247.4240, -3.1670,  
-10.8958

118.4830, 48.5689,  
102.1854

247.6520, -2.2934,  
-11.0958

104.7540, 54.3513,  
114.2257

247.8800, -1.4198,  
-11.2958

94.5470, 58.3973,  
123.1773

248.1080, -0.5462,  
-11.4957

248.4500, 0.7642,  
-11.7956

# Harmonies

## Analogous

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



200.5310, 24.8812, -0.4657



202.7320, 13.4431, 28.2990



202.4710, -0.7252, 46.0679

# Triad

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



202.7320, 13.4431, 28.2990



196.2760, -28.7301, 21.6829



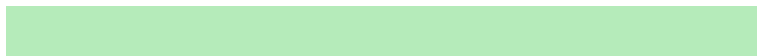
182.0650, 21.1670, -69.3400

# Complementary

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



202.7320, 13.4431, 28.2990



213.2680, -13.4431, -28.2990

# 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.



184.6140, 5.1203, -55.7895



202.7320, 13.4431, 28.2990



193.2620, -24.2862, -3.7378

# Square

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



202.7320, 13.4431, 28.2990



198.7220, -25.0059, 40.5858



188.7130, -11.6905, -30.4433



185.9380, 30.5966, -60.4586



# Rectangle

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



202.7320, 13.4431, 28.2990



200.0770, -9.8980, 48.1675



188.7130, -11.6905, -30.4433



182.5230, 16.5042, -67.1107

# Sweetspot

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



202.7320, 13.4431, 28.2990



244.2060, 4.3354, 9.4663



188.6510, 22.8501, -2.3249



121.4290, 2.7465, 5.7628



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.



202.7320, 13.4431, 28.2990



212.5250, 17.4892, 37.2506



199.6540, 1.6496, 30.9984



110.4290, 2.7465, 5.7628



72.8150, 44.9542, 94.8782



21.7320, 13.4431, 28.2990



# Inverse Universe

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



202.7320, 13.4431, 28.2990



212.5250, 17.4892, 37.2506



216.2320, -2.0864, -30.8985



110.4290, 2.7465, 5.7628



72.8150, 44.9542, 94.8782

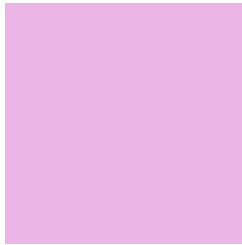


21.7320, 13.4431, 28.2990



# Previews

## White Background



This preview shows how the YUV color 202.7320, 13.4431, 28.2990 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

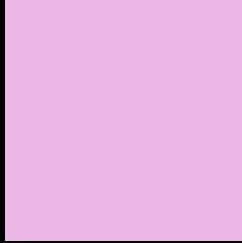
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 202.7320, 13.4431, 28.2990 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

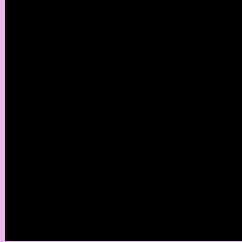
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 202.7320, 13.4431, 28.2990

## Background



This preview shows how black text looks on a background with the YUV color 202.7320, 13.4431, 28.2990.



This preview shows how white text looks on a background with the YUV color 202.7320, 13.4431,



# 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

202.7320, 13.4431, 28.2990

### Protanopia

198.9230, 20.2510, -8.7025

### Deuteranopia

200.2790, 13.6665, 3.2633



## Tritanopia

201.1650, -0.0813, 26.1653

# Trichromacy



## Original Color

202.7320, 13.4431, 28.2990



## Protanomaly

200.6150, 17.4448, 4.7226



## Deuteranomaly

201.3340, 13.6393, 11.9851



## Tritanomaly

201.5440, 5.1548, 26.7099

# Monochromacy



## Original Color

202.7320, 13.4431, 28.2990



## Achromatopsia

203.0000, 0.0000, 0.0000



## Achromatomaly

203.0320, 4.9142, 10.4959

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 202.7320, 13.4431, 28.2990 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(235, 181, 230)` looks like.

```
.text, #text, p{  
    color:rgb(235, 181, 230)  
}
```

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(235, 181, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 181, 230) }
```

## Border

The CSS property to change the border of an element to YUV 202.7320, 13.4431, 28.2990 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(235, 181, 230) }
```



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

```
.border{ border-color:rgb(235, 181, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 181, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 181, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 181, 230);  
box-shadow:4px 4px 4px 4px rgb(235, 181,  
230) }
```

# Background

The CSS property to change the background color of an element to YUV 202.7320, 13.4431, 28.2990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 181, 230) }
```

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

```
.background{ background-color: rgb(235,  
181, 230) }
```

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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