

# Converting Colors

YUV(194.6270, -0.8021,  
24.0061)

Have a look what the booklet for  
YUV(194.6270, -0.8021, 24.0061)  
contains.

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# Color

**YUV(194.6270, -0.8021,  
24.0061)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEB5C1
RGB	222, 181, 193
RGB Percent	87%, 71%, 76%
CMY	0.1294, 0.2902, 0.2431
CMYK	0.00, 0.18, 0.13, 0.13
HSL	342°, 38%, 79%
HSV	342°, 18%, 87%
XYZ	56.2737, 52.4276, 57.6057
YIQ	194.6270, 20.5840, 12.4240

# Conversions

## Conversions Part 2

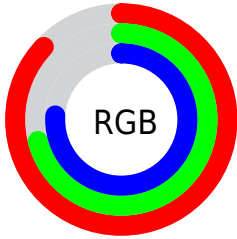
Format	Color
R <sub>Y</sub> B	222, 181, 193
Decimal	14595521
CIE Lab	77.54, 16.68, -0.49
CIE LCh	78, 16.684, 358.320
Yxy	52.4276, 0.3384, 0.3152
Android (android.graphics.Color)	4292785601 (0xFFDEB5C1)
YUV	194.6270, -0.8021, 24.0061
Hunter-Lab	72.4069, 12.0158, 3.5147

# Details

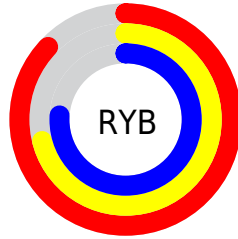
The YUV color  $194.6270, -0.8021, 24.0061$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $208.3730, 0.8021, -24.0061$ , and the grayscale version is  $195.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $243.7500, 2.5883, 9.8663$ , and  $140.7300, -0.3599, 22.1618$  is the 20% darker color. If you saturate the color by 10%, you get  $179.8890, -1.4243, 36.9313$ , and if you desaturate by 10%, it is  $209.3650, -0.1799, 11.0809$ .

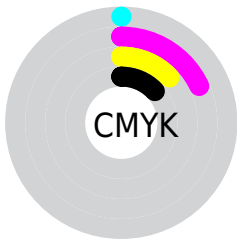
# Distribution



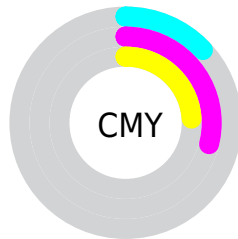
- Red (87%)
- Green (71%)
- Blue (76%)



- Red (87%)
- Yellow (71%)
- Blue (76%)



- Cyan (0%)
- Magenta (18%)
- Yellow (13%)
- Black (13%)



- Cyan (13%)
- Magenta (29%)
- Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 194.6270, -0.8021, 24.0061 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 194.6270, -0.8021, 24.0061 by changing the saturation by 10% instead.



 194.6270, -0.8021,  
24.0061


 194.6270, -0.8021,  
24.0061


255.0000, 0.0000,  
0.0000


 167.3280, -0.6547,  
23.3913


 243.7500, 2.5883,  
9.8663

 140.7300, -0.3599,  
22.1618

 115.3170, -0.6493,  
21.6470

 90.7190, -0.3545,  
20.4174

 66.4200, -0.2071,  
19.8027

 43.8220, 0.0878,  
18.5731

 22.9250, 0.5300,

16.7288

■ 4.4850, -2.2111,  
9.2217

■ 0.0000, 0.0000,  
0.0000

■ 194.6270, -0.8021,  
24.0061

■ 194.6270, -0.8021,  
24.0061

■ 179.8890, -1.4243,  
36.9313

■ 209.3650, -0.1799,  
11.0809

■ 165.2650, -1.6096,  
49.7566

■ 223.9890, 0.0054,  
-1.7444

■ 149.9400, -1.9424,  
63.1966

■ 239.3140, 0.3382,  
-15.1844

■ 135.2020, -2.5646,  
76.1218

■ 245.1330, 4.8644,  
-20.2876

■ 120.4640, -3.1868,  
89.0471

■ 105.8400, -3.3721,  
101.8723

■ 91.1020, -3.9943,  
114.7975

■ 75.7770, -4.3271,  
128.2376

■ 73.7880, -4.3325,  
129.9819

# Harmonies

## Analogous

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



194.2220, 6.7926, 14.7143



194.6270, -0.8021, 24.0061



194.1020, -7.9383, 26.2205

# Triad

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



194.6270, -0.8021, 24.0061



189.3730, -12.5089, -1.2041



187.9070, 14.3428, -27.1054

# Complementary

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



194.6270, -0.8021, 24.0061



208.3730, 0.8021, -24.0061

# 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.



186.0330, 9.8437, -30.7239



194.6270, -0.8021, 24.0061



187.5930, -6.2083, -15.4291

# Square

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



194.6270, -0.8021, 24.0061



191.1790, -14.8782, 12.1210



186.2910, 1.8285, -26.5652



190.6250, 15.4679, -14.5801



# Rectangle

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



194.6270, -0.8021, 24.0061



193.3530, -12.0060, 24.2464



186.2910, 1.8285, -26.5652



187.2550, 13.1853, -29.1646

# Sweetspot

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



194.6270, -0.8021, 24.0061



244.9410, -0.4639, 8.8217



194.3450, 13.6339, 13.7294



121.9190, -0.4531, 5.3330



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.



194.6270, -0.8021, 24.0061



217.5680, -1.2660, 32.8279



197.9550, -8.3588, 21.0875



104.6310, -0.3111, 6.4626



58.4380, -3.6669, 103.1019



15.9480, -0.9604, 28.1096



# Inverse Universe

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



194.6270, -0.8021, 24.0061



217.5680, -1.2660, 32.8279



205.0450, 8.3588, -21.0875



104.6310, -0.3111, 6.4626



58.4380, -3.6669, 103.1019

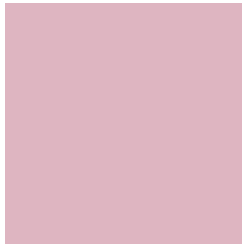


15.9480, -0.9604, 28.1096



# Previews

## White Background



This preview shows how the YUV color 194.6270, -0.8021, 24.0061 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

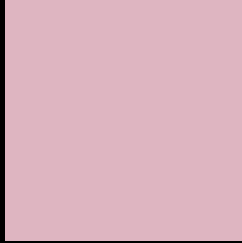
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 194.6270, -0.8021, 24.0061 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

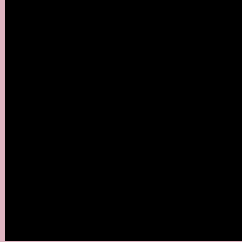
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 194.6270, -0.8021, 24.0061

## Background



This preview shows how black text looks on a background with the YUV color 194.6270, -0.8021, 24.0061.



This preview shows how white text looks on a background with the YUV color 194.6270, -0.8021,



# 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

194.6270, -0.8021, 24.0061

### Protanopia

192.5100, 3.1996, 0.4297

### Deuteranopia

193.8600, -0.9170, 14.1548



## Tritanopia

194.8550, 0.0715, 23.8062

# Trichromacy



## Original Color

194.6270, -0.8021, 24.0061

## Protanomaly

193.2230, 1.8621, 9.4514

## Deuteranomaly

193.8820, -0.9278, 17.6435

## Tritanomaly

194.7410, -0.3653, 23.9061

# Monochromacy



## Original Color

194.6270, -0.8021, 24.0061

## Achromatopsia

195.0000, 0.0000, 0.0000

## Achromatomaly

194.9410, -0.4639, 8.8217

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 194.6270, -0.8021, 24.0061 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(222, 181, 193)` looks like.

```
.text, #text, p{  
    color:rgb(222, 181, 193)  
}
```

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(222, 181, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 181, 193) }
```

## Border

The CSS property to change the border of an element to YUV 194.6270, -0.8021, 24.0061 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(222, 181, 193) }
```



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

```
.border{ border-color:rgb(222, 181, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 181, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 181, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 181, 193);  
box-shadow:4px 4px 4px 4px rgb(222, 181,  
193) }
```

# Background

The CSS property to change the background color of an element to YUV 194.6270, -0.8021, 24.0061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 181, 193) }
```

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

```
.background{ background-color: rgb(222,  
181, 193) }
```

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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