

# Converting Colors

YUV(254.1030, 0.4422, -1.8443)

Have a look what the booklet for  
YUV(254.1030, 0.4422, -1.8443)  
contains.

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# Color

**YUV(254.1030, 0.4422,  
-1.8443)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | FCFFFF                     |
| RGB         | 252, 255, 255              |
| RGB Percent | 99%, 100%, 100%            |
| CMY         | 0.0118, 0.0000, 0.0000     |
| CMYK        | 0.01, 0.00, 0.00, 0.00     |
| HSL         | 180°, 100%, 99%            |
| HSV         | 180°, 1%, 100%             |
| XYZ         | 93.9549, 99.4354, 108.8487 |
| YIQ         | 254.1030, -1.7880, -0.6360 |

# Conversions

## Conversions Part 2

| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| R <sub>Y</sub> B                    | 252, 254, 255                |
| Decimal                             | 16580607                     |
| CIE Lab                             | 99.78, -0.98, -0.36          |
| CIE LCh                             | 100, 1.042, 199.975          |
| Yxy                                 | 99.4354, 0.3109,<br>0.3290   |
| Android<br>(android.graphics.Color) | 4294770687<br>(0xFFFCFFFF)   |
| YUV                                 | 254.1030, 0.4422,<br>-1.8443 |
| Hunter-Lab                          | 99.7173, -6.3204,<br>5.0828  |

# Details

The YUV color 254.1030, 0.4422, -1.8443 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 252.8970, -0.4422, 1.8443, and the grayscale version is 254.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, 0.0000, 0.0000, and 197.1030, 0.4422, -1.8443 is the 20% darker color. If you saturate the color by 10%, you get 246.6280, 4.1274, -17.2138, and if you desaturate by 10%, it is 255.0000, 0.0000, 0.0000.

# Distribution



- Red (99%)
- Green (100%)
- Blue (100%)



- Red (99%)
- Yellow (100%)
- Blue (100%)



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 254.1030, 0.4422, -1.8443 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 254.1030, 0.4422, -1.8443 by changing the saturation by 10% instead.



254.1030, 0.4422,  
-1.8443

254.1030, 0.4422,  
-1.8443

255.0000, 0.0000,  
0.0000

225.1030, 0.4422,  
-1.8443

197.1030, 0.4422,  
-1.8443

170.1030, 0.4422,  
-1.8443

144.1030, 0.4422,  
-1.8443

118.1030, 0.4422,  
-1.8443

93.4020, 0.2948,  
-1.2296

70.1030, 0.4422,

-1.8443

■ 47.4020, 0.2948,  
-1.2296

■ 26.4020, 0.2948,  
-1.2296

■ 254.1030, 0.4422,  
-1.8443

254.1030, 0.4422,  
-1.8443

■ 246.6280, 4.1274,  
-17.2138

255.0000, 0.0000,  
0.0000

■ 238.8540, 7.9600,  
-33.1980

■ 231.3790, 11.6452,  
-48.5674

■ 223.6050, 15.4777,  
-64.5516

■ 216.1300, 19.1629,  
-79.9210

■ 208.3560, 22.9955,  
-95.9052

■ 200.8810, 26.6807,  
-111.2746

■ 193.1070, 30.5132,  
-127.2588

■ 185.6320, 34.1984,  
-142.6283

# Harmonies

## Analogous

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

253.9890, 0.0054, -1.7444

254.1030, 0.4422, -1.8443

254.1030, 0.4422, -1.8443

# Triad

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

254.1030, 0.4422, -1.8443

254.4130, 0.2894, 0.5148

254.0710, -1.0210, 0.8147

# Complementary

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

254.1030, 0.4422, -1.8443

252.8970, -0.4422, 1.8443

# 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.

254.1850, -0.5842, 0.7148

254.1030, 0.4422, -1.8443

254.4130, 0.2894, 0.5148

# Square

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

254.1030, 0.4422, -1.8443

254.1140, 0.4368, -0.1000

254.2990, -0.1474, 0.6148

254.6580, -1.3104, 0.2999



# Rectangle

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

254.1030, 0.4422, -1.8443

254.4020, 0.2948, -1.2296

254.2990, -0.1474, 0.6148

254.0710, -1.0210, 0.8147

# Sweetspot

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



254.1030, 0.4422, -1.8443

255.0000, 0.0000, 0.0000



253.7610, -0.8682, -1.5444



128.0000, 0.0000, 0.0000



0.0000, 0.0000, 0.0000

# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



254.1030, 0.4422, -1.8443



253.5160, 0.7316, -1.3295



127.4020, 0.2948, -1.2296



133.8910, 28.1547, -117.4224



44.8640, 9.4340, -39.3457

# Inverse Universe

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



253.2390, 0.8682, 1.5444



254.0710, -1.0210, 0.8147



126.8260, 0.5788, 1.0296



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

# Previews

## White Background

### Color Contrast Check

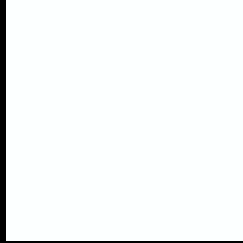
Large Text (above 18pt) WCAG AA × Fail

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 254.1030, 0.4422, -1.8443 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

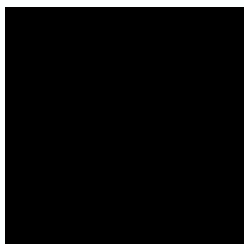
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 254.1030, 0.4422, -1.8443

## Background



This preview shows how black text looks on a background with the YUV color 254.1030, 0.4422, -1.8443.





# 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

254.1030, 0.4422, -1.8443

### Protanopia

254.2990, -0.1474, 0.6148

### Deuteranopia

254.2990, -0.1474, 0.6148

## Tritanopia

254.1140, 0.4368, -0.1000

# Trichromacy

## Original Color

254.1030, 0.4422, -1.8443

## Protanomaly

254.0000, 0.0000, 0.0000

## Deuteranomaly

254.0000, 0.0000, 0.0000

## Tritanomaly

253.8150, 0.5842, -0.7148

# Monochromacy

## Original Color

254.1030, 0.4422, -1.8443

## Achromatopsia

254.0000, 0.0000, 0.0000

## Achromatomaly

253.7010, 0.1474, -0.6148

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 254.1030, 0.4422, -1.8443 is called "color". The color property can be set on classes, ids or directly on the HTML element.

```
.text, #text, p{  
    color:rgb(252, 255, 255)  
}
```

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(252, 255, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 255, 255) }
```

## Border

The CSS property to change the border of an element to YUV 254.1030, 0.4422, -1.8443 is called "border". The border property can be set on classes, ids or directly on the HTML element.

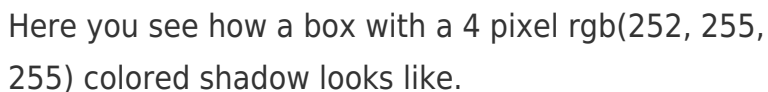
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(252, 255, 255) }
```

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

```
.border{ border-color:rgb(252, 255, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(252, 255, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 255, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 255, 255); box-shadow:4px 4px 4px 4px rgb(252, 255, 255) }
```

# Background

The CSS property to change the background color of an element to YUV 254.1030, 0.4422, -1.8443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 255, 255) }
```

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

```
.background{ background-color: rgb(252,  
255, 255) }
```

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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