

# Converting Colors

YUV(172.0080, 24.6461,  
-18.4240)

Have a look what the booklet for  
YUV(172.0080, 24.6461, -18.4240)  
contains.

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# Color

**YUV(172.0080, 24.6461,  
-18.4240)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97ADDE
RGB	151, 173, 222
RGB Percent	59%, 68%, 87%
CMY	0.4078, 0.3216, 0.1294
CMYK	0.32, 0.22, 0.00, 0.13
HSL	221°, 52%, 73%
HSV	221°, 32%, 87%
XYZ	40.8909, 41.7404, 75.0088
YIQ	172.0080, -28.8410, 10.5750

# Conversions

## Conversions Part 2

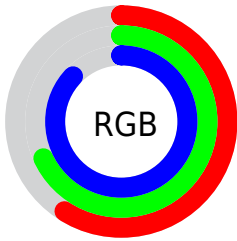
<b>Format</b>	<b>Color</b>
<b>RYB</b>	151, 168, 222
Decimal	9940446
CIELab	70.69, 3.79, -27.17
CIELCh	71, 27.431, 277.932
Yxy	41.7404, 0.2594, 0.2648
Android (android.graphics.Color)	4288130526 (0xFF97ADDE)
YUV	172.0080, 24.6461, -18.4240
Hunter-Lab	64.6068, -0.0858, -23.6112

# Details

The YUV color **172.0080, 24.6461, -18.4240** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **200.9920, -24.6461, 18.4240**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.7990, 14.8891, -15.6097**, and **119.3670, 23.4831, -18.7389** is the 20% darker color. If you saturate the color by 10%, you get **156.6250, 32.2299, -24.2271**, and if you desaturate by 10%, it is **187.3910, 17.0622, -12.6209**.

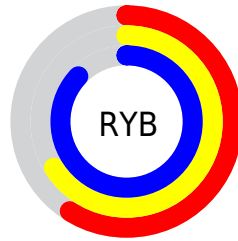
# Distribution



Red (59%)

Green (68%)

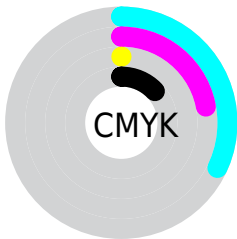
Blue (87%)



Red (59%)

Yellow (66%)

Blue (87%)

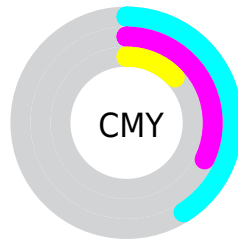


Cyan (32%)

Magenta (22%)

Yellow (0%)

Black (13%)



Cyan (41%)

Magenta (32%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 172.0080, 24.6461, -18.4240 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 172.0080, 24.6461, -18.4240 by changing the saturation by 10% instead.



■ 172.0080, 24.6461,  
-18.4240

■ 172.0080, 24.6461,  
-18.4240

255.0000, 0.0000,  
0.0000

■ 144.8940, 24.2093,  
-18.3240

■ 224.7990, 14.8891,  
-15.6097

■ 119.3670, 23.4831,  
-18.7389

■ 249.0200, 2.9481,  
-12.2955

■ 93.8400, 22.7569,  
-19.1537

■ 69.7150, 22.3255,  
-20.7981

■ 44.6930, 22.3364,  
-24.2868

■ 25.1340, 20.1469,  
-22.0425

■ 6.7770, 18.3509,

-5.9434

■ 3.0950, 9.3202,  
-2.7143

■ 0.0000, 0.0000,  
0.0000

■ 172.0080, 24.6461,  
-18.4240

■ 172.0080, 24.6461,  
-18.4240

■ 156.6250, 32.2299,  
-24.2271

■ 187.3910, 17.0622,  
-12.6209

■ 140.6550, 40.1031,  
-29.5154

■ 203.3610, 9.1890,  
-7.3326

■ 124.9730, 47.8343,  
-35.9333

■ 219.0430, 1.4578,  
-0.9147

■ 109.5900, 55.4181,  
-41.7364

■ 234.4260, -6.1260,  
4.8884

■ 93.6200, 63.2913,  
-47.0247

■ 248.3030,  
-12.9674, 5.8733

■ 78.2370, 70.8752,  
-52.8278

■ 251.2380,  
-14.4143, 3.2993

■ 65.8110, 77.0012,  
-57.7162

# Harmonies

## Analogous

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



166.0820, 25.5956, -43.0449



172.0080, 24.6461, -18.4240



175.7510, 17.8708, 8.1114

# Triad

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



172.0080, 24.6461, -18.4240



175.1270, -15.8386, 40.2306



164.3090, -5.5753, -31.8430

# Complementary

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



172.0080, 24.6461, -18.4240



200.9920, -24.6461, 18.4240

# 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.



168.3520, -17.4285, -9.9557



172.0080, 24.6461, -18.4240



173.2260, -22.7894, 29.6198

# Square

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



172.0080, 24.6461, -18.4240



176.7000, -4.7821, 40.6051



170.5890, -23.4614, 11.7614



161.2710, 8.7404, -50.2267



# Rectangle

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



172.0080, 24.6461, -18.4240



176.8300, 11.4228, 22.9511



170.5890, -23.4614, 11.7614



165.6150, -9.6702, -25.0954

# Sweetspot

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



172.0080, 24.6461, -18.4240



236.9590, 8.8942, -6.1030



198.2630, 0.8563, -41.4497



116.7590, 5.5418, -4.1736



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.



172.0080, 24.6461, -18.4240



186.6680, 33.6877, -25.1418



162.9810, 29.0964, 0.8937



104.0150, 3.9366, -2.6442



52.3490, 60.9599, -45.9101



14.2770, 16.6254, -12.5209



# Inverse Universe

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



174.7370, -0.8563, 41.4497



190.4230, -1.1945, 56.6340



210.0190, -29.0964, -0.8937



104.6310, -0.3111, 6.4626



58.8940, -1.9197, 102.7020

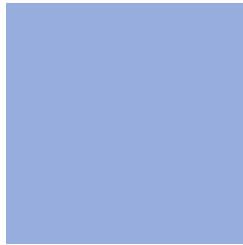


16.0620, -0.5236, 28.0096



# Previews

## White Background



This preview shows how the YUV color 172.0080, 24.6461, -18.4240 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

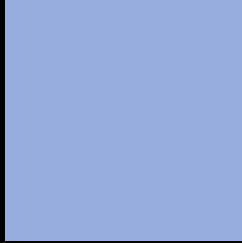
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 172.0080, 24.6461, -18.4240 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

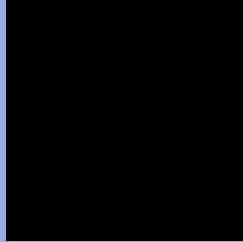
Any Text WCAG AA ✓ Pass

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 172.0080, 24.6461, -18.4240 Background



This preview shows how black text looks on a background with the YUV color 172.0080, 24.6461, -18.4240.



This preview shows how white text looks on a background with the YUV color 172.0080, 24.6461, -18.4240.

-18.4240.

# 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

172.0080, 24.6461, -18.4240

### Protanopia

173.2970, 23.0246, -11.6615

### Deuteranopia

173.9490, 24.1821, -9.6023



## Tritanopia

169.5440, 11.5638, -22.4021

# Trichromacy



## Original Color

172.0080, 24.6461, -18.4240

## Protanomaly

173.1010, 23.6142, -14.1206

## Deuteranomaly

173.3400, 24.4824, -12.5762

## Tritanomaly

170.5210, 16.5051, -20.6279

# Monochromacy



## Original Color

172.0080, 24.6461, -18.4240

## Achromatopsia

172.0000, 0.0000, 0.0000

## Achromatomaly

171.6600, 9.0416, -6.7178

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 172.0080, 24.6461, -18.4240 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(151, 173, 222)` looks like.

```
.text, #text, p{  
    color:rgb(151, 173, 222)  
}
```

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(151, 173, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 173, 222) }
```

## Border

The CSS property to change the border of an element to YUV 172.0080, 24.6461, -18.4240 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(151, 173, 222) }
```



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

```
.border{ border-color:rgb(151, 173, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 173, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 173, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 173, 222);  
box-shadow:4px 4px 4px 4px rgb(151, 173,  
222) }
```

# Background

The CSS property to change the background color of an element to YUV 172.0080, 24.6461, -18.4240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 173, 222) }
```

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

```
.background{ background-color: rgb(151,  
173, 222) }
```

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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