

# Converting Colors

YUV(172.3430, 29.9039,  
-24.8568)

Have a look what the booklet for  
YUV(172.3430, 29.9039, -24.8568)  
contains.

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# Color

**YUV(172.3430, 29.9039,  
-24.8568)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90AFE9
RGB	144, 175, 233
RGB Percent	56%, 69%, 91%
CMY	0.4353, 0.3137, 0.0863
CMYK	0.38, 0.25, 0.00, 0.09
HSL	219°, 67%, 74%
HSV	219°, 38%, 91%
XYZ	41.5396, 42.4724, 83.0994
YIQ	172.3430, -37.0940, 11.4660

# Conversions

## Conversions Part 2

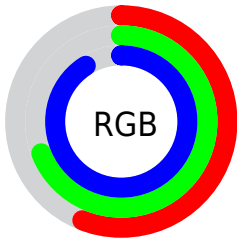
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">144, 167, 233</a>
Decimal	<a href="#">9482217</a>
CIELab	<a href="#">71.20, 3.60, -32.43</a>
CIELCh	<a href="#">71, 32.634, 276.331</a>
Yxy	<a href="#">42.4724, 0.2486, 0.2542</a>
Android (android.graphics.Color)	<a href="#">4287672297</a> ( <a href="#">0xFF90AFE9</a> )
YUV	<a href="#">172.3430, 29.9039, -24.8568</a>
Hunter-Lab	<a href="#">65.1709, -0.2741, -29.9811</a>

# Details

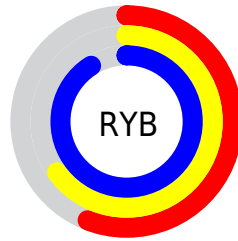
The YUV color **172.3430, 29.9039, -24.8568** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **204.6570, -29.9039, 24.8568**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.8800, 15.3422, -20.9428**, and **119.2890, 28.4515, -25.6865** is the 20% darker color. If you saturate the color by 10%, you get **156.6610, 37.6351, -31.2747**, and if you desaturate by 10%, it is **188.0250, 22.1727, -18.4389**.

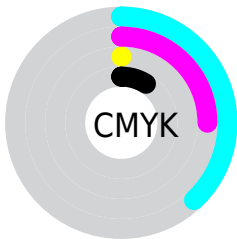
# Distribution



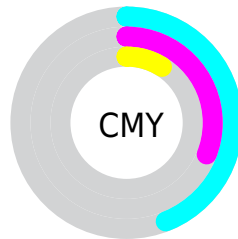
- Red (56%)
- Green (69%)
- Blue (91%)



- Red (56%)
- Yellow (65%)
- Blue (91%)



- Cyan (38%)
- Magenta (25%)
- Yellow (0%)
- Black (9%)



- Cyan (44%)
- Magenta (31%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 172.3430, 29.9039, -24.8568 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 172.3430, 29.9039, -24.8568 by changing the saturation by 10% instead.



■ 172.3430, 29.9039,  
-24.8568

■ 172.3430, 29.9039,  
-24.8568

255.0000, 0.0000,  
0.0000

■ 145.2290, 29.4671,  
-24.7568

■ 223.8800, 15.3422,  
-20.9428

■ 119.2890, 28.4515,  
-25.6865

■ 247.2260, 3.8326,  
-15.9842

■ 93.1640, 28.0201,  
-27.3308

■ 67.4410, 27.8836,  
-30.2048

■ 41.8100, 28.1947,  
-36.6674

■ 26.7470, 23.7887,  
-23.4571

■ 9.4500, 20.9771,

-8.2876

■ 4.5940, 12.5252,  
-4.0289

■ 0.0000, 0.0000,  
0.0000

■ 172.3430, 29.9039,  
-24.8568

■ 172.3430, 29.9039,  
-24.8568

■ 156.6610, 37.6351,  
-31.2747

■ 188.0250, 22.1727,  
-18.4389

■ 140.6800, 45.5138,  
-38.3074

■ 204.0060, 14.2940,  
-11.4063

■ 124.4110, 53.5344,  
-44.2104

■ 220.2750, 6.2734,  
-5.5032

■ 108.7290, 61.2656,  
-50.6283

■ 235.9570, -1.4578,  
0.9147

■ 92.7480, 69.1442,  
-57.6610

■ 250.1440, -8.4520,  
4.2587

■ 77.0660, 76.8755,  
-64.0789

■ 252.4920, -9.6096,  
2.1995

■ 74.1090, 78.3333,  
-64.9936

# Harmonies

## Analogous

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



163.6010, 31.7487, -56.6551



172.3430, 29.9039, -24.8568



177.1900, 22.0913, 7.7264

# Triad

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



172.3430, 29.9039, -24.8568



176.7150, -17.6075, 47.6079



164.1080, -7.4482, -37.8057

# Complementary

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



172.3430, 29.9039, -24.8568



204.6570, -29.9039, 24.8568

# 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.



168.4290, -20.9175, -10.9002



172.3430, 29.9039, -24.8568



174.3470, -26.3001, 35.6527

# Square

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



172.3430, 29.9039, -24.8568



177.8580, -4.3670, 47.4825



171.7590, -27.9822, 15.1204



158.9490, 10.3781, -62.2223



# Rectangle

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



172.3430, 29.9039, -24.8568



178.9490, 14.3221, 26.3547



171.7590, -27.9822, 15.1204



165.4960, -12.5695, -28.4990

# Sweetspot

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



172.3430, 29.9039, -24.8568



236.0620, 9.3364, -7.9474



202.8550, -0.4215, -51.6158



116.4600, 5.6892, -4.7884



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.



172.3430, 29.9039, -24.8568



175.4050, 39.2403, -32.8042



158.0330, 36.9587, -0.9059



109.6020, 3.6472, -3.1590



57.6150, 60.8288, -50.5284



17.3090, 18.0887, -15.1800



# Inverse Universe

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



174.1450, 0.4215, 51.6158



177.6570, 0.6621, 67.8298



218.9670, -36.9587, 0.9059



109.7450, 0.1257, 6.3626



61.3010, 0.8376, 104.9760



18.3120, 0.3392, 31.2984



# Previews

## White Background



This preview shows how the YUV color 172.3430, 29.9039, -24.8568 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

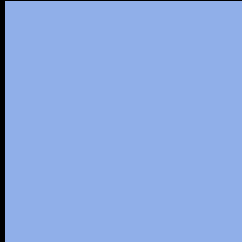
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 172.3430, 29.9039, -24.8568 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

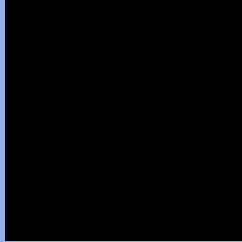
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 172.3430, 29.9039, -24.8568

## Background



This preview shows how black text looks on a background with the YUV color 172.3430, 29.9039, -24.8568.



This preview shows how white text looks on a background with the YUV color 172.3430, 29.9039, -24.8568.

-24.8568.

# 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

172.3430, 29.9039, -24.8568

### Protanopia

174.5400, 27.8348, -14.5056

### Deuteranopia

173.9960, 29.5820, -14.9055



## Tritanopia

169.5430, 13.0433, -30.2942

# Trichromacy



## Original Color

172.3430, 29.9039, -24.8568

## Protanomaly

173.7460, 28.7192, -18.1942

## Deuteranomaly

173.0880, 30.0296, -18.4942

## Tritanomaly

170.1610, 19.1476, -28.2052

# Monochromacy



## Original Color

172.3430, 29.9039, -24.8568

## Achromatopsia

172.0000, 0.0000, 0.0000

## Achromatomaly

172.1050, 10.7942, -8.8621

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 172.3430, 29.9039, -24.8568 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(144, 175, 233)` looks like.

```
.text, #text, p{  
    color:rgb(144, 175, 233)  
}
```

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(144, 175, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 175, 233) }
```

## Border

The CSS property to change the border of an element to YUV 172.3430, 29.9039, -24.8568 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(144, 175, 233) }
```



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

```
.border{ border-color:rgb(144, 175, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 175, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 175, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 175, 233);  
box-shadow:4px 4px 4px 4px rgb(144, 175,  
233) }
```

# Background

The CSS property to change the background color of an element to YUV 172.3430, 29.9039, -24.8568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 175, 233) }
```

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

```
.background{ background-color: rgb(144,  
175, 233) }
```

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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