

Converting Colors

YUV(172.7970, 24.7501,
-5.0840)

Have a look what the booklet for
YUV(172.7970, 24.7501, -5.0840)
contains.

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Color

**YUV(172.7970, 24.7501,
-5.0840)**

Conversions

Conversions Part 1

Format	Color
Hex	A7A6DF
RGB	167, 166, 223
RGB Percent	65%, 65%, 87%
CMY	0.3451, 0.3490, 0.1255
CMYK	0.25, 0.26, 0.00, 0.13
HSL	241°, 47%, 76%
HSV	241°, 26%, 87%
XYZ	42.8919, 40.8156, 75.4296
YIQ	172.7970, -17.7010, 17.9390

Conversions

Conversions Part 2

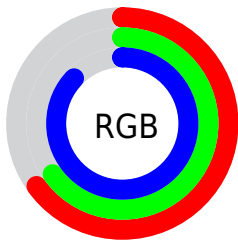
Format	Color
RYB	167, 166, 223
Decimal	10987231
CIELab	70.05, 12.62, -28.61
CIELCh	70, 31.272, 293.810
Yxy	40.8156, 0.2695, 0.2565
Android (android.graphics.Color)	4289177311 (0xFFA7A6DF)
YUV	172.7970, 24.7501, -5.0840
Hunter-Lab	63.8871, 8.0370, -25.2809

Details

The YUV color **172.7970, 24.7501, -5.0840** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **216.2030, -24.7501, 5.0840**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.4740, 14.5563, -2.1697**, and **120.1560, 23.5871, -5.3988** is the 20% darker color. If you saturate the color by 10%, you get **153.3050, 34.3596, -7.2835**, and if you desaturate by 10%, it is **192.2890, 15.1405, -2.8845**.

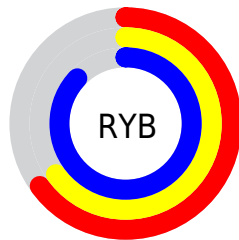
Distribution



Red (65%)

Green (65%)

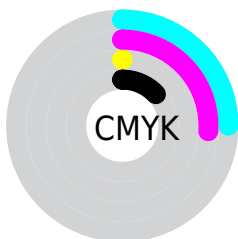
Blue (87%)



Red (65%)

Yellow (65%)

Blue (87%)

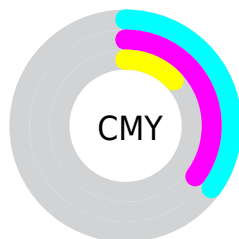


Cyan (25%)

Magenta (26%)

Yellow (0%)

Black (13%)



Cyan (35%)

Magenta (35%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.7970, 24.7501, -5.0840 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 172.7970, 24.7501, -5.0840 by changing the saturation by 10% instead.

■ 172.7970, 24.7501,
-5.0840

■ 172.7970, 24.7501,
-5.0840

■ 255.0000, 0.0000,
0.0000

■ 146.2700, 24.0239,
-5.4988

■ 225.4740, 14.5563,
-2.1697

■ 120.1560, 23.5871,
-5.3988

■ 251.1680, 1.8892,
0.7297

■ 95.2160, 22.5715,
-6.3284

■ 70.6890, 21.8453,
-6.7433

■ 47.8630, 21.2665,
-7.7729

■ 25.3140, 20.5512,
-11.6764

■ 5.1300, 19.6559,

-4.4990

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 172.7970, 24.7501,
-5.0840

■ 172.7970, 24.7501,
-5.0840

■ 153.3050, 34.3596,
-7.2835

■ 192.2890, 15.1405,
-2.8845

■ 133.2260, 44.2586,
-8.9682

■ 212.3680, 5.2416,
-1.1997

■ 113.7340, 53.8681,
-11.1677

■ 231.8600, -4.3680,
0.9998

■ 94.2420, 63.4777,
-13.3672

■ 251.3520,
-13.9775, 3.1993

■ 74.7500, 73.0872,
-15.5668

■ 54.9700, 82.8388,
-16.6367

■ 35.4780, 92.4483,
-18.8362

■ 26.6180, 96.8163,
-19.8360

Harmonies

Analogous

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



166.5650, 29.7945, -36.4525



172.7970, 24.7501, -5.0840



175.3400, 14.6224, 23.3808

Triad

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



172.7970, 24.7501, -5.0840



172.2920, -22.8220, 40.0859



158.3760, 2.7726, -49.4418

Complementary

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



172.7970, 24.7501, -5.0840



216.2030, -24.7501, 5.0840

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.



163.4040, -13.0172, -24.9103



172.7970, 24.7501, -5.0840



169.7430, -26.9883, 23.0274

Square

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



172.7970, 24.7501, -5.0840



173.9090, -11.7871, 47.4378



167.1100, -23.7182, 0.7805



154.8050, 18.8301, -66.4810

Rectangle

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



172.7970, 24.7501, -5.0840



175.8380, 5.9959, 36.9761



167.1100, -23.7182, 0.7805



160.5250, -3.2168, -41.6794

Sweetspot

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



172.7970, 24.7501, -5.0840



237.2800, 8.7360, -1.9996



205.3700, 8.6916, -34.5275



116.4820, 5.6784, -1.2997



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.



172.7970, 24.7501, -5.0840



185.3050, 34.3596, -7.2835



181.1690, 20.6227, 12.1298



102.2540, 4.8048, -1.0998



20.9610, 76.4342, -15.7518



5.7710, 20.8189, -4.1842

Inverse Universe

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



189.4270, 16.0585, 29.4435



208.5130, 22.4251, 40.7691



207.8310, -20.6227, -12.1298



105.5430, 3.1833, 5.6628



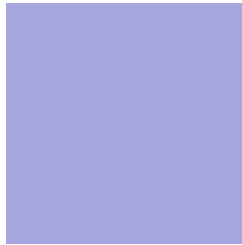
72.3460, 49.6224, 90.9046



19.8240, 13.8908, 24.7104

Previews

White Background



This preview shows how the YUV color 172.7970, 24.7501, -5.0840 looks on a white background.

Color Contrast Check

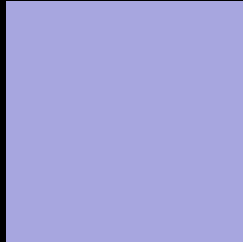
Large Text (above 18pt) WCAG AA × Fail

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 172.7970, 24.7501, -5.0840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

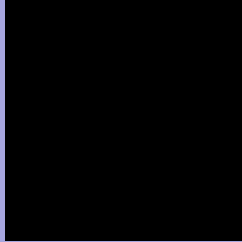
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.7970, 24.7501, -5.0840

Background



This preview shows how black text looks on a background with the YUV color 172.7970, 24.7501, -5.0840.



This preview shows how white text looks on a background with the YUV color 172.7970, 24.7501, -5.0840.

-5.0840.

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

172.7970, 24.7501, -5.0840

Protanopia

171.4970, 26.3770, -13.5909

Deuteranopia

171.8780, 25.2031, -10.4170



Tritanopia

170.5950, 7.5947, -9.2918

Trichromacy



Original Color

172.7970, 24.7501, -5.0840

Protanomaly

171.9920, 25.6399, -10.5170

Deuteranomaly

172.1880, 25.0503, -8.0579

Tritanomaly

171.2130, 13.6990, -7.2028

Monochromacy



Original Color

172.7970, 24.7501, -5.0840

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.6930, 9.0254, -1.4848

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.7970, 24.7501, -5.0840 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(167, 166, 223)` looks like.

```
.text, #text, p{  
    color:rgb(167, 166, 223)  
}
```

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(167, 166, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 166, 223) }
```

Border

The CSS property to change the border of an element to YUV 172.7970, 24.7501, -5.0840 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(167, 166, 223) }
```


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

```
.border{ border-color:rgb(167, 166, 223) }
```

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

Here you see how a box with a 4 pixel rgb(167, 166, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 166, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 166, 223);  
box-shadow:4px 4px 4px 4px rgb(167, 166,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 172.7970, 24.7501, -5.0840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 166, 223) }
```

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

```
.background{ background-color: rgb(167,  
166, 223) }
```

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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