

Converting Colors

YUV(174.9990, 21.6925,
-4.3841)

Have a look what the booklet for
YUV(174.9990, 21.6925, -4.3841)
contains.

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Color

**YUV(174.9990, 21.6925,
-4.3841)**

Conversions

Conversions Part 1

Format	Color
Hex	AAA9DB
RGB	170, 169, 219
RGB Percent	67%, 66%, 86%
CMY	0.3333, 0.3373, 0.1412
CMYK	0.22, 0.23, 0.00, 0.14
HSL	241°, 41%, 76%
HSV	241°, 23%, 86%
XYZ	43.5517, 42.0365, 72.8363
YIQ	174.9990, -15.4540, 15.7620

Conversions

Conversions Part 2

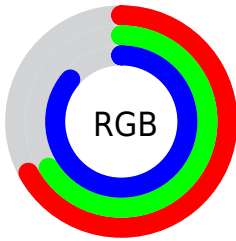
Format	Color
RYB	170, 169, 219
Decimal	11184603
CIELab	70.90, 10.92, -25.09
CIELCh	71, 27.367, 293.516
Yxy	42.0365, 0.2749, 0.2653
Android (android.graphics.Color)	4289374683 (0xFFAAA9DB)
YUV	174.9990, 21.6925, -4.3841
Hunter-Lab	64.8355, 6.4409, -21.2215

Details

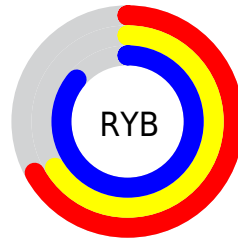
The YUV color $174.9990, 21.6925, -4.3841$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $213.0010, -21.6925, 4.3841$, and the grayscale version is $175.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $228.1320, 13.2459, -1.8698$, and $122.3580, 20.5295, -4.6990$ is the 20% darker color. If you saturate the color by 10%, you get $155.8060, 31.1546, -5.9689$, and if you desaturate by 10%, it is $194.1920, 12.2303, -2.7994$.

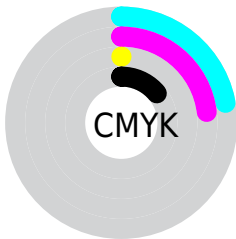
Distribution



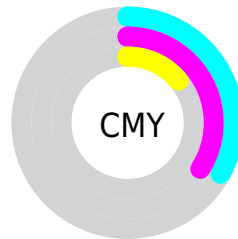
- Red (67%)
- Green (66%)
- Blue (86%)



- Red (67%)
- Yellow (66%)
- Blue (86%)



- Cyan (22%)
- Magenta (23%)
- Yellow (0%)
- Black (14%)



- Cyan (33%)
- Magenta (34%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.9990, 21.6925, -4.3841 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 174.9990, 21.6925, -4.3841 by changing the saturation by 10% instead.

■ 174.9990, 21.6925,
-4.3841

■ 174.9990, 21.6925,
-4.3841

■ 255.0000, 0.0000,
0.0000

■ 148.4720, 20.9663,
-4.7989

■ 228.1320, 13.2459,
-1.8698

■ 122.3580, 20.5295,
-4.6990

■ 253.8260, 0.5788,
1.0296

■ 97.1300, 19.6559,
-4.4990

■ 73.3040, 19.0771,
-5.5286

■ 50.3640, 18.0615,
-6.4582

■ 28.2390, 17.6302,
-8.1026

■ 4.7880, 18.3455,

-4.1991

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 174.9990, 21.6925,
-4.3841

■ 174.9990, 21.6925,
-4.3841

■ 155.8060, 31.1546,
-5.9689

■ 194.1920, 12.2303,
-2.7994

■ 136.3140, 40.7642,
-8.1684

■ 213.6840, 2.6208,
-0.5999

■ 117.1210, 50.2263,
-9.7531

■ 232.8770, -6.8414,
0.9849

■ 97.6290, 59.8359,
-11.9526

■ 250.8960,
-15.7247, 3.5992

■ 79.0230, 69.0087,
-14.0522

■ 59.5310, 78.6182,
-16.2517

■ 40.3380, 88.0804,
-17.8364

■ 26.1620, 95.0691,
-19.4361

Harmonies

Analogous

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



169.5720, 25.8470, -30.3196



174.9990, 21.6925, -4.3841



177.4490, 12.5966, 19.7772

Triad

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



174.9990, 21.6925, -4.3841



174.6550, -20.0429, 35.3826



163.1920, 1.8773, -42.2644

Complementary

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



174.9990, 21.6925, -4.3841



213.0010, -21.6925, 4.3841

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.



166.7680, -11.7176, -21.7215



174.9990, 21.6925, -4.3841



172.8290, -24.0727, 21.1980

Square

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



174.9990, 21.6925, -4.3841



176.2180, -10.4605, 41.9048



170.0930, -21.2448, 0.7954



161.2580, 15.1558, -54.6003

Rectangle

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



174.9990, 21.6925, -4.3841



177.5770, 5.1385, 31.9430



170.0930, -21.2448, 0.7954



164.3840, -2.6543, -35.4168

Sweetspot

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



174.9990, 21.6925, -4.3841



239.3510, 7.7150, -1.1848



203.4630, 7.6597, -30.2241



118.5530, 4.6574, -0.4850



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.



174.9990, 21.6925, -4.3841



194.4640, 29.8442, -5.6689



182.4740, 18.0073, 10.9853



100.2540, 4.8048, -1.0998



20.6190, 75.1238, -15.4519



5.5430, 19.9453, -3.9842

Inverse Universe

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



189.5360, 14.0328, 25.8399



214.3830, 19.5312, 35.6211



205.5260, -18.0073, -10.9853



103.4290, 2.7465, 5.7628



71.1070, 48.7542, 89.3602



18.8840, 12.8752, 23.7807

Previews

White Background



This preview shows how the YUV color 174.9990, 21.6925, -4.3841 looks on a white background.

Color Contrast Check

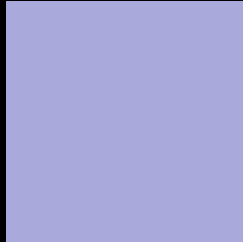
Large Text (above 18pt) WCAG AA × Fail

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 174.9990, 21.6925, -4.3841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

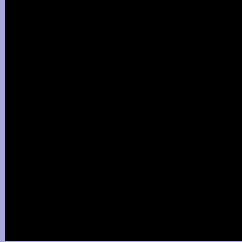
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.9990, 21.6925, -4.3841

Background



This preview shows how black text looks on a background with the YUV color 174.9990, 21.6925, -4.3841.



This preview shows how white text looks on a background with the YUV color 174.9990, 21.6925, -4.3841.

-4.3841.

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

174.9990, 21.6925, -4.3841

Protanopia

174.2970, 23.0246, -11.6615

Deuteranopia

174.6890, 21.8453, -6.7433



Tritanopia

173.1930, 7.2999, -8.0623

Trichromacy



Original Color

174.9990, 21.6925, -4.3841

Protanomaly

174.4930, 22.4350, -9.2024

Deuteranomaly

174.9880, 21.6979, -6.1285

Tritanomaly

173.8710, 12.3886, -6.9029

Monochromacy



Original Color

174.9990, 21.6925, -4.3841

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

175.0520, 7.8624, -1.7996

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.9990, 21.6925, -4.3841 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(170, 169, 219)` looks like.

```
.text, #text, p{  
    color:rgb(170, 169, 219)  
}
```

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(170, 169, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 169, 219) }
```

Border

The CSS property to change the border of an element to YUV 174.9990, 21.6925, -4.3841 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(170, 169, 219) }
```


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

```
.border{ border-color:rgb(170, 169, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 169, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 169, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 169, 219);  
box-shadow:4px 4px 4px 4px rgb(170, 169,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 174.9990, 21.6925, -4.3841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 169, 219) }
```

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

```
.background{ background-color: rgb(170,  
169, 219) }
```

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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