

Converting Colors

YUV(173.5210, 19.9561,
-7.4729)

Have a look what the booklet for
YUV(173.5210, 19.9561, -7.4729)
contains.

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Color

**YUV(173.5210, 19.9561,
-7.4729)**

Conversions

Conversions Part 1

Format	Color
Hex	A5AAD6
RGB	165, 170, 214
RGB Percent	65%, 67%, 84%
CMY	0.3529, 0.3333, 0.1608
CMYK	0.23, 0.21, 0.00, 0.16
HSL	234°, 37%, 74%
HSV	234°, 23%, 84%
XYZ	42.0294, 41.6038, 69.4335
YIQ	173.5210, -17.1040, 12.6240

Conversions

Conversions Part 2

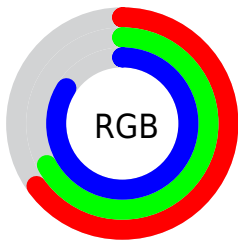
Format	Color
RYB	165, 170, 214
Decimal	10857174
CIELab	70.60, 7.66, -22.84
CIELCh	71, 24.094, 288.548
Yxy	41.6038, 0.2746, 0.2718
Android (android.graphics.Color)	4289047254 (0xFFA5AAD6)
YUV	173.5210, 19.9561, -7.4729
Hunter-Lab	64.5010, 3.4352, -18.6732

Details

The YUV color $173.5210, 19.9561, -7.4729$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $205.4790, -19.9561, 7.4729$, and the grayscale version is $173.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.2240, 13.6936, -5.4584$, and $120.8800, 18.7932, -7.7878$ is the 20% darker color. If you saturate the color by 10%, you get $156.0890, 28.5501, -10.6021$, and if you desaturate by 10%, it is $190.9530, 11.3622, -4.3438$.

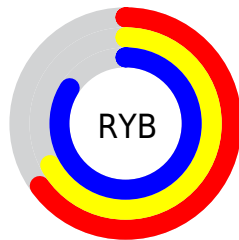
Distribution



Red (65%)

Green (67%)

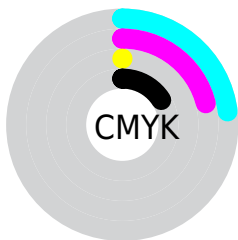
Blue (84%)



Red (65%)

Yellow (67%)

Blue (84%)

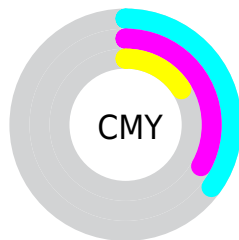


Cyan (23%)

Magenta (21%)

Yellow (0%)

Black (16%)



Cyan (35%)

Magenta (33%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.5210, 19.9561, -7.4729 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 173.5210, 19.9561, -7.4729 by changing the saturation by 10% instead.

■ 173.5210, 19.9561,
-7.4729

■ 173.5210, 19.9561,
-7.4729

255.0000, 0.0000,
0.0000

■ 146.9940, 19.2300,
-7.8877

■ 227.2240, 13.6936,
-5.4584

■ 120.8800, 18.7932,
-7.7878

■ 252.6190, 1.1738,
-3.1739

■ 95.7660, 18.3564,
-7.6878

■ 72.2390, 17.6302,
-8.1026

■ 49.2990, 16.6146,
-9.0322

■ 26.8750, 16.3306,
-11.2914

■ 4.3320, 16.5983,

-3.7992

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 173.5210, 19.9561,
-7.4729

■ 173.5210, 19.9561,
-7.4729

■ 156.0890, 28.5501,
-10.6021

■ 190.9530, 11.3622,
-4.3438

■ 138.3580, 37.2915,
-14.3460

■ 208.6840, 2.6208,
-0.5999

■ 120.3390, 46.1749,
-16.9603

■ 226.7030, -6.2626,
2.0145

■ 102.6080, 54.9163,
-20.7042

■ 244.4340,
-15.0040, 5.7584

■ 85.1760, 63.5102,
-23.8334

■ 250.3260,
-17.9087, 4.0991

■ 67.7440, 72.1042,
-26.9625

■ 49.4260, 81.1350,
-30.1916

■ 37.3100, 87.1082,
-32.7209

Harmonies

Analogous

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



168.7740, 22.7894, -29.6198



173.5210, 19.9561, -7.4729



176.4160, 12.6129, 14.5442

Triad

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



173.5210, 19.9561, -7.4729



173.9690, -16.2537, 33.3532



164.8510, -0.9125, -34.0723

Complementary

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



173.5210, 19.9561, -7.4729



205.4790, -19.9561, 7.4729

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.



167.3990, -12.0287, -15.2589



173.5210, 19.9561, -7.4729



172.3390, -20.8731, 21.6277

Square

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



173.5210, 19.9561, -7.4729



175.5810, -7.6814, 37.2015



170.5710, -19.5085, 3.8842



162.9880, 11.3449, -45.5935

Rectangle

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



173.5210, 19.9561, -7.4729



176.4730, 6.1758, 25.8952



170.5710, -19.5085, 3.8842



165.5590, -4.7126, -28.5542

Sweetspot

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



173.5210, 19.9561, -7.4729



240.2260, 7.2836, -2.8292



198.6650, 4.6022, -29.5242



118.8410, 4.5154, -1.6146



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.



173.5210, 19.9561, -7.4729



197.9750, 28.1133, -10.5021



176.2670, 18.6024, 6.7818



97.8410, 4.5154, -1.6146



29.4730, 69.7728, -25.8478



7.2500, 17.6247, -6.3582

Inverse Universe

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



180.2210, -5.0390, 29.6242



207.4290, -7.1135, 41.7198



202.7330, -18.6024, -6.7818



99.4030, -1.1847, 6.6626



53.0670, -17.7810, 103.4272



13.3130, -4.5913, 26.0355

Previews

White Background



This preview shows how the YUV color 173.5210, 19.9561, -7.4729 looks on a white background.

Color Contrast Check

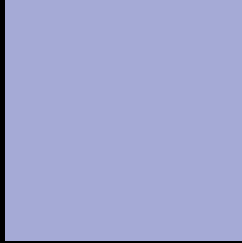
Large Text (above 18pt) WCAG AA × Fail

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 173.5210, 19.9561, -7.4729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

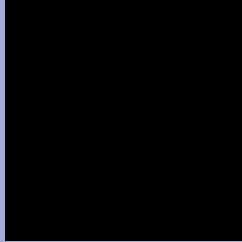
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.5210, 19.9561, -7.4729

Background



This preview shows how black text looks on a background with the YUV color 173.5210, 19.9561, -7.4729.



This preview shows how white text looks on a background with the YUV color 173.5210, 19.9561, -7.4729.

-7.4729.

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

173.5210, 19.9561, -7.4729

Protanopia

173.3250, 20.5458, -9.9320

Deuteranopia

173.8310, 19.8033, -5.1138



Tritanopia

171.9970, 7.8895, -10.5214

Trichromacy



Original Color

173.5210, 19.9561, -7.4729

Protanomaly

173.6240, 20.3984, -9.3172

Deuteranomaly

173.5320, 19.9507, -5.7286

Tritanomaly

172.4470, 12.1046, -9.1620

Monochromacy



Original Color

173.5210, 19.9561, -7.4729

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.2260, 7.2836, -2.8292

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.5210, 19.9561, -7.4729 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(165, 170, 214)` looks like.

```
.text, #text, p{  
    color:rgb(165, 170, 214)  
}
```

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(165, 170, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 170, 214) }
```

Border

The CSS property to change the border of an element to YUV 173.5210, 19.9561, -7.4729 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(165, 170, 214) }
```


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

```
.border{ border-color:rgb(165, 170, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 170, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 170, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 170, 214);  
box-shadow:4px 4px 4px 4px rgb(165, 170,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 173.5210, 19.9561, -7.4729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 170, 214) }
```

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

```
.background{ background-color: rgb(165,  
170, 214) }
```

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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