

Converting Colors

YUV(173.5210, 40.1691,
-3.9649)

Have a look what the booklet for
YUV(173.5210, 40.1691, -3.9649)
contains.

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Color

**YUV(173.5210, 40.1691,
-3.9649)**

Conversions

Conversions Part 1

Format	Color
Hex	A9A0FF
RGB	169, 160, 255
RGB Percent	66%, 63%, 100%
CMY	0.3373, 0.3725, 0.0000
CMYK	0.34, 0.37, 0.00, 0.00
HSL	246°, 100%, 81%
HSV	246°, 37%, 100%
XYZ	46.9830, 40.7966, 100.0060
YIQ	173.5210, -25.1310, 31.4530

Conversions

Conversions Part 2

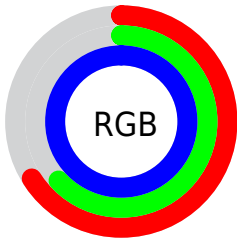
Format	Color
R_{YB}	169, 160, 255
Decimal	11116799
CIE _{Lab}	70.03, 24.51, -46.08
CIE _{LCh}	70, 52.189, 298.007
Yxy	40.7966, 0.2502, 0.2173
Android (android.graphics.Color)	4289306879 (0xFFA9A0FF)
YUV	173.5210, 40.1691, -3.9649
Hunter-Lab	63.8722, 19.5242, -48.1209

Details

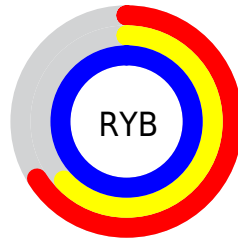
The YUV color $173.5210, 40.1691, -3.9649$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $241.4790, -40.1691, 3.9649$, and the grayscale version is $173.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $222.8490, 15.8504, 2.7634$, and $120.6410, 38.1380, -5.8242$ is the 20% darker color. If you saturate the color by 10%, you get $151.3820, 51.0837, -4.7200$, and if you desaturate by 10%, it is $195.6600, 29.2546, -3.2098$.

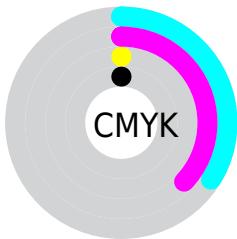
Distribution



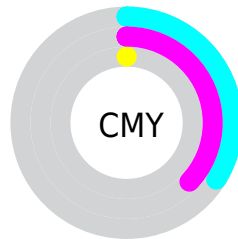
- Red (66%)
- Green (63%)
- Blue (100%)



- Red (66%)
- Yellow (63%)
- Blue (100%)



- Cyan (34%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)



- Cyan (34%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.5210, 40.1691, -3.9649 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, 40.1691, -3.9649 by changing the saturation by 10% instead.

■ 173.5210, 40.1691,
-3.9649

■ 173.5210, 40.1691,
-3.9649

255.0000, 0.0000,
0.0000

■ 146.5810, 39.1536,
-4.8945

■ 222.8490, 15.8504,
2.7634

■ 120.6410, 38.1380,
-5.8242

■ 247.9560, 3.4727,
6.1776

■ 94.4020, 37.2698,
-7.3686

■ 69.4510, 36.2597,
-10.0425

■ 44.3040, 35.8391,
-15.1756

■ 21.6410, 34.6870,
-18.9792

■ 7.7520, 29.7023,

-6.7985

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 173.5210, 40.1691,
-3.9649

■ 173.5210, 40.1691,
-3.9649

■ 151.3820, 51.0837,
-4.7200

■ 195.6600, 29.2546,
-3.2098

■ 129.8300, 61.7088,
-5.9899

■ 217.2120, 18.6295,
-1.9399

■ 108.2780, 72.3339,
-7.2598

■ 239.3510, 7.7150,
-1.1848

■ 86.1390, 83.2485,
-8.0149

■ 255.0000, 0.0000,
0.0000

■ 64.5870, 93.8736,
-9.2848

■ 42.1490, 104.9355,
-10.6547

■ 36.2460, 107.8457,
-10.7397

Harmonies

Analogous

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



154.4970, 49.5480, -72.3499



173.5210, 40.1691, -3.9649



176.5350, 22.4142, 44.2578

Triad

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



173.5210, 40.1691, -3.9649



169.5860, -38.7429, 59.9991



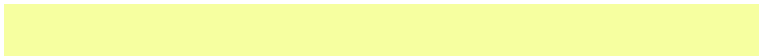
133.3890, 16.0772, -116.9822

Complementary

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



173.5210, 40.1691, -3.9649



241.4790, -40.1691, 3.9649

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.



153.7890, -17.1510, -52.4350



173.5210, 40.1691, -3.9649



167.3360, -46.5076, 30.4003

Square

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



173.5210, 40.1691, -3.9649



170.1960, -20.3096, 74.3731



162.4560, -38.6788, -7.4159



138.2740, 37.3329, -121.2663

Rectangle

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



173.5210, 40.1691, -3.9649



174.4100, 8.6719, 65.4154



162.4560, -38.6788, -7.4159



133.3700, 8.1986, -109.9495

Sweetspot

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



173.5210, 40.1691, -3.9649



231.0890, 11.7881, -0.9551



221.8990, 16.3188, -54.2854



113.2370, 7.2782, -1.0848



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, 40.1691, -3.9649



156.3990, 48.6103, -4.7349



187.2750, 33.3884, 24.3148



116.7810, 5.5310, -0.6849



27.1560, 80.7751, -8.0298



9.0900, 27.0706, -2.7099

Inverse Universe

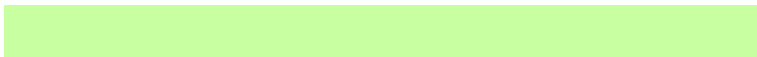
The Inverse Universe completely reimagines the original color for something new.



198.2090, 23.5610, 49.8057



186.2410, 28.4752, 60.3016



227.7250, -33.3884, -24.3148



120.1410, 2.8885, 6.8923



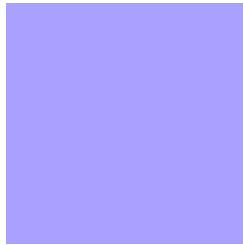
76.8310, 47.4113, 100.1262



25.7480, 15.9002, 33.5470

Previews

White Background



This preview shows how the YUV color 173.5210, 40.1691, -3.9649 looks on a white background.

Color Contrast Check

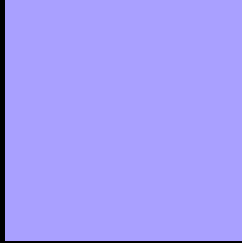
Large Text (above 18pt) WCAG AA × Fail

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, 40.1691, -3.9649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

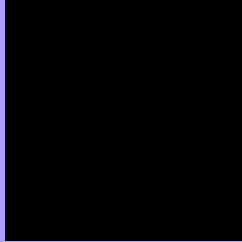
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.5210, 40.1691, -3.9649

Background



This preview shows how black text looks on a background with the YUV color 173.5210, 40.1691, -3.9649.



This preview shows how white text looks on a background with the YUV color 173.5210, 40.1691, -3.9649.

-3.9649.

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, 40.1691, -3.9649

Protanopia

169.8450, 41.9814, -25.2971

Deuteranopia

168.9970, 41.4135, -29.8154



Tritanopia

169.6160, 9.0633, -13.6952

Trichromacy



Original Color

173.5210, 40.1691, -3.9649

Protanomaly

171.0740, 41.3755, -17.6049

Deuteranomaly

170.3510, 41.2390, -20.4788

Tritanomaly

170.9120, 20.2564, -10.4468

Monochromacy



Original Color

173.5210, 40.1691, -3.9649

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.7730, 14.4089, -1.5549

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.5210, 40.1691, -3.9649 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(169, 160, 255)` looks like.

```
.text, #text, p{  
    color:rgb(169, 160, 255)  
}
```

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(169, 160, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 160, 255) }
```

Border

The CSS property to change the border of an element to YUV 173.5210, 40.1691, -3.9649 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(169, 160, 255) }
```


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

```
.border{ border-color:rgb(169, 160, 255) }
```

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

Here you see how a box with a 4 pixel rgb(169, 160, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 160, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 160, 255);  
box-shadow:4px 4px 4px 4px rgb(169, 160,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 173.5210, 40.1691, -3.9649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 160, 255) }
```

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

```
.background{ background-color: rgb(169,  
160, 255) }
```

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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