

Converting Colors

YUV(173.0310, 39.9177,
-16.6902)

Have a look what the booklet for
YUV(173.0310, 39.9177, -16.6902)
contains.

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Color

**YUV(173.0310, 39.9177,
-16.6902)**

Conversions

Conversions Part 1

Format	Color
Hex	9AA7FE
RGB	154, 167, 254
RGB Percent	60%, 65%, 100%
CMY	0.3961, 0.3451, 0.0039
CMYK	0.39, 0.34, 0.00, 0.00
HSL	232°, 98%, 80%
HSV	232°, 39%, 100%
XYZ	45.0345, 41.6632, 99.4342
YIQ	173.0310, -35.6750, 24.3010

Conversions

Conversions Part 2

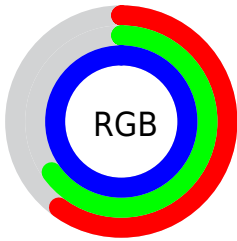
Format	Color
R_{YB}	154, 166, 254
Decimal	10135550
CIE Lab	70.64, 16.36, -44.66
CIE LCh	71, 47.564, 290.115
Yxy	41.6632, 0.2419, 0.2238
Android (android.graphics.Color)	4288325630 (0xFF9AA7FE)
YUV	173.0310, 39.9177, -16.6902
Hunter-Lab	64.5470, 11.5823, -46.1528

Details

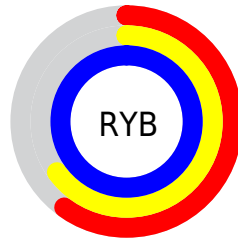
The YUV color $173.0310, 39.9177, -16.6902$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $234.9690, -39.9177, 16.6902$, and the grayscale version is $173.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $222.4730, 16.0358, -10.0618$, and $119.2650, 38.3234, -18.6494$ is the 20% darker color. If you saturate the color by 10%, you get $152.6420, 49.9695, -20.7340$, and if you desaturate by 10%, it is $193.4200, 29.8659, -12.6463$.

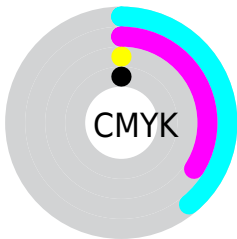
Distribution



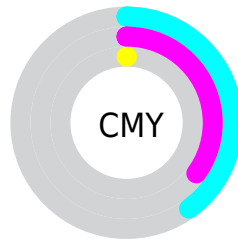
- Red (60%)
- Green (65%)
- Blue (100%)



- Red (60%)
- Yellow (65%)
- Blue (100%)



- Cyan (39%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.0310, 39.9177, -16.6902 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 173.0310, 39.9177, -16.6902 by changing the saturation by 10% instead.

■ 173.0310, 39.9177,
-16.6902

■ 173.0310, 39.9177,
-16.6902

255.0000, 0.0000,
0.0000

■ 146.0910, 38.9021,
-17.6198

■ 222.4730, 16.0358,
-10.0618

■ 119.2650, 38.3234,
-18.6494

■ 247.8790, 3.5107,
-6.0329

■ 93.6130, 37.1658,
-20.7086

■ 67.7650, 36.5979,
-25.2269

■ 40.2260, 37.3566,
-35.2782

■ 25.6360, 32.2245,
-22.4828

■ 7.6380, 29.2655,

-6.6985

■ 6.7770, 18.3509,
-5.9434

■ 3.2090, 9.7570,
-2.8143

■ 173.0310, 39.9177,
-16.6902

■ 173.0310, 39.9177,
-16.6902

■ 152.6420, 49.9695,
-20.7340

■ 193.4200, 29.8659,
-12.6463

■ 131.9540, 60.1687,
-25.3927

■ 214.1080, 19.6668,
-7.9877

■ 111.5650, 70.2205,
-29.4365

■ 234.4970, 9.6150,
-3.9439

■ 90.8770, 80.4196,
-34.0951

254.8860, -0.4368,
0.1000

■ 70.4880, 90.4714,
-38.1390

■ 49.5120, 100.8126,
-41.6680

■ 48.3270, 101.3968,
-42.3828

Harmonies

Analogous

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



154.4420, 49.5751, -81.0716



173.0310, 39.9177, -16.6902



177.8430, 25.2204, 30.8327

Triad

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



173.0310, 39.9177, -16.6902



172.7200, -31.9070, 60.7586



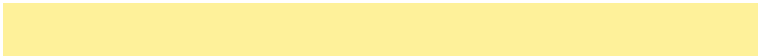
145.2310, 5.8021, -87.9026

Complementary

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



173.0310, 39.9177, -16.6902



234.9690, -39.9177, 16.6902

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.



159.9330, -22.1520, -35.0212



173.0310, 39.9177, -16.6902



170.0470, -41.4352, 36.7928

Square

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



173.0310, 39.9177, -16.6902



174.3680, -14.4784, 70.7143



166.0490, -37.9852, 3.4650



137.3790, 31.3652, -120.4814

Rectangle

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



173.0310, 39.9177, -16.6902



177.6580, 12.4936, 52.9199



166.0490, -37.9852, 3.4650



152.5020, -5.1775, -66.2153

Sweetspot

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



173.0310, 39.9177, -16.6902



229.8820, 12.3832, -5.1585



222.6180, 9.0623, -60.1780



113.2260, 7.2836, -2.8292



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.



173.0310, 39.9177, -16.6902



158.0720, 47.7855, -20.2341



176.4630, 38.2257, 12.7489



117.0690, 5.3890, -1.8145



36.4490, 76.1936, -31.9658



11.9920, 25.6399, -10.5170

Inverse Universe

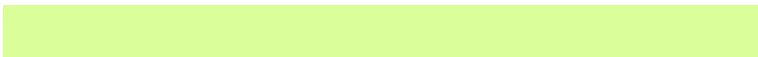
The Inverse Universe completely reimagines the original color for something new.



185.3820, -9.0623, 60.1780



172.7040, -10.7001, 72.1736



231.5370, -38.2257, -12.7489



119.0010, -1.4795, 7.8921



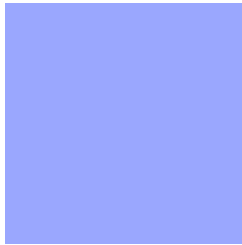
59.9590, -17.2348, 114.9230



20.0480, -5.9397, 38.5459

Previews

White Background



This preview shows how the YUV color 173.0310, 39.9177, -16.6902 looks on a white background.

Color Contrast Check

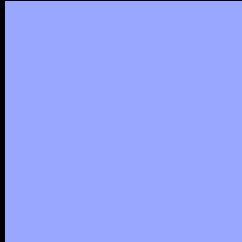
Large Text (above 18pt) WCAG AA × Fail

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 173.0310, 39.9177, -16.6902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

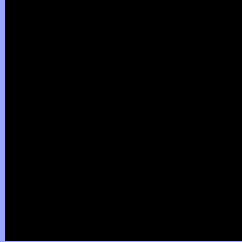
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.0310, 39.9177, -16.6902

Background



This preview shows how black text looks on a background with the YUV color 173.0310, 39.9177, -16.6902.



This preview shows how white text looks on a background with the YUV color 173.0310, 39.9177, -16.6902.

-16.6902.

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

173.0310, 39.9177, -16.6902

Protanopia

171.9160, 40.9604, -24.4823

Deuteranopia

170.4810, 40.6819, -28.4858



Tritanopia

168.6360, 12.0115, -25.9908

Trichromacy



Original Color

173.0310, 39.9177, -16.6902

Protanomaly

172.5250, 40.6602, -21.5084

Deuteranomaly

171.6880, 40.0868, -24.2824

Tritanomaly

170.2910, 22.0415, -23.0572

Monochromacy



Original Color

173.0310, 39.9177, -16.6902

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.0390, 14.2778, -6.1732

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.0310, 39.9177, -16.6902 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(154, 167, 254)` looks like.

```
.text, #text, p{  
    color:rgb(154, 167, 254)  
}
```

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(154, 167, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 167, 254) }
```

Border

The CSS property to change the border of an element to YUV 173.0310, 39.9177, -16.6902 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(154, 167, 254) }
```


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

```
.border{ border-color:rgb(154, 167, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 167, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 167, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 167, 254);  
box-shadow:4px 4px 4px 4px rgb(154, 167,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 173.0310, 39.9177, -16.6902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 167, 254) }
```

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

```
.background{ background-color: rgb(154,  
167, 254) }
```

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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