

Converting Colors

YUV(171.7610, 36.1068,
-7.6834)

Have a look what the booklet for
YUV(171.7610, 36.1068, -7.6834)
contains.

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Color

**YUV(171.7610, 36.1068,
-7.6834)**

Conversions

Conversions Part 1

Format	Color
Hex	A3A2F5
RGB	163, 162, 245
RGB Percent	64%, 64%, 96%
CMY	0.3608, 0.3647, 0.0392
CMYK	0.33, 0.34, 0.00, 0.04
HSL	241°, 81%, 80%
HSV	241°, 34%, 96%
XYZ	44.5060, 40.2198, 91.8037
YIQ	171.7610, -26.0470, 26.0250

Conversions

Conversions Part 2

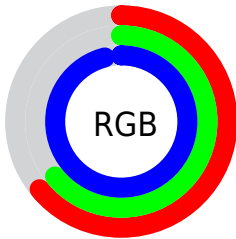
Format	Color
RYB	163, 162, 245
Decimal	10724085
CIELab	69.63, 19.19, -41.31
CIElCh	70, 45.552, 294.916
Yxy	40.2198, 0.2521, 0.2278
Android (android.graphics.Color)	4288914165 (0xFFA3A2F5)
YUV	171.7610, 36.1068, -7.6834
Hunter-Lab	63.4191, 14.2838, -41.4332

Details

The YUV color $171.7610, 36.1068, -7.6834$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $235.2390, -36.1068, 7.6834$, and the grayscale version is $171.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $222.2290, 16.1561, -1.9548$, and $118.2940, 34.3651, -9.0278$ is the 20% darker color. If you saturate the color by 10%, you get $150.4970, 46.5900, -10.0829$, and if you desaturate by 10%, it is $193.6120, 25.3343, -5.7987$.

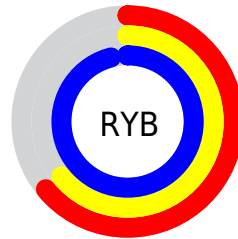
Distribution



Red (64%)

Green (64%)

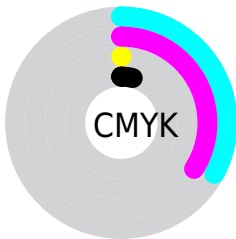
Blue (96%)



Red (64%)

Yellow (64%)

Blue (96%)

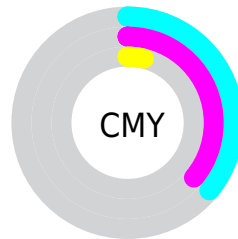


Cyan (33%)

Magenta (34%)

Yellow (0%)

Black (4%)



Cyan (36%)

Magenta (36%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.7610, 36.1068, -7.6834 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 171.7610, 36.1068, -7.6834 by changing the saturation by 10% instead.

■ 171.7610, 36.1068,
-7.6834

■ 171.7610, 36.1068,
-7.6834

255.0000, 0.0000,
0.0000

■ 144.8210, 35.0912,
-8.6130

■ 222.2290, 16.1561,
-1.9548

■ 118.2940, 34.3651,
-9.0278

■ 247.3360, 3.7784,
1.4593

■ 93.0550, 33.4969,
-10.5722

■ 68.4030, 32.3393,
-12.6314

■ 43.6690, 32.2082,
-17.2497

■ 21.9030, 30.6138,
-19.2089

■ 6.9540, 26.6447,

-6.0987

■ 5.5060, 16.0195,
-4.8288

■ 2.1830, 5.8258,
-1.9145

■ 171.7610, 36.1068,
-7.6834

■ 171.7610, 36.1068,
-7.6834

■ 150.4970, 46.5900,
-10.0829

■ 193.6120, 25.3343,
-5.7987

■ 128.6460, 57.3625,
-11.9675

■ 214.8760, 14.8511,
-3.3993

■ 106.4960, 68.2825,
-14.4670

■ 237.0260, 3.9312,
-0.8998

■ 85.2320, 78.7656,
-16.8665

■ 253.8600, -4.3680,
0.9998

■ 63.9680, 89.2488,
-19.2659

■ 42.1170, 100.0213,
-21.1506

■ 28.8270, 106.5733,
-22.6503

Harmonies

Analogous

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



157.7540, 46.4633, -62.9283



171.7610, 36.1068, -7.6834



175.4260, 20.9890, 34.7064

Triad

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



171.7610, 36.1068, -7.6834



169.5730, -32.3275, 55.6255



140.9360, 9.8916, -92.9059

Complementary

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



171.7610, 36.1068, -7.6834



235.2390, -36.1068, 7.6834

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.



156.7520, -17.6257, -40.1245



171.7610, 36.1068, -7.6834



167.0570, -39.9611, 30.6450

Square

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



171.7610, 36.1068, -7.6834



171.3630, -16.9410, 67.2106



163.2270, -34.6219, -1.9531



135.3730, 33.8331, -118.7221

Rectangle

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



171.7610, 36.1068, -7.6834



174.4580, 9.1412, 54.8493



163.2270, -34.6219, -1.9531



148.6200, -0.7987, -70.7037

Sweetspot

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



171.7610, 36.1068, -7.6834



232.8500, 10.9200, -2.4994



220.1830, 12.2348, -51.0265



113.8240, 6.9888, -1.5996



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.



171.7610, 36.1068, -7.6834



162.5680, 45.5690, -9.2681



183.7210, 30.2105, 16.9077



111.3680, 5.2416, -1.1997



21.8020, 80.9496, -17.3664



7.0250, 25.6237, -5.2839

Inverse Universe

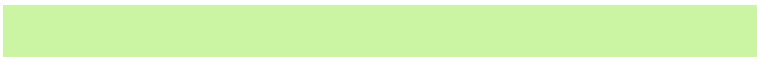
The Inverse Universe completely reimagines the original color for something new.



196.1650, 23.5827, 42.8283



193.2510, 29.9493, 54.1539



222.9800, -30.0631, -17.5225



114.9560, 3.4727, 6.1776



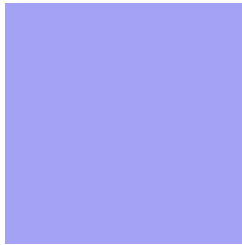
76.5900, 52.9531, 95.9526



24.2530, 16.6373, 30.4731

Previews

White Background



This preview shows how the YUV color 171.7610, 36.1068, -7.6834 looks on a white background.

Color Contrast Check

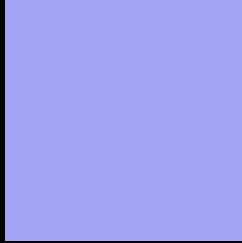
Large Text (above 18pt) WCAG AA × Fail

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 171.7610, 36.1068, -7.6834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

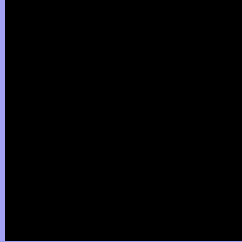
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.7610, 36.1068, -7.6834

Background



This preview shows how black text looks on a background with the YUV color 171.7610, 36.1068, -7.6834.



This preview shows how white text looks on a background with the YUV color 171.7610, 36.1068, -7.6834.

-7.6834.

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

171.7610, 36.1068, -7.6834

Protanopia

169.1720, 39.3552, -22.9528

Deuteranopia

168.5910, 37.1766, -24.1973



Tritanopia

168.3060, 9.2161, -16.0544

Trichromacy



Original Color

171.7610, 36.1068, -7.6834

Protanomaly

169.9770, 38.4653, -17.5198

Deuteranomaly

169.8090, 36.5762, -18.2495

Tritanomaly

169.8470, 18.8094, -13.0208

Monochromacy



Original Color

171.7610, 36.1068, -7.6834

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.8330, 13.3933, -2.4845

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.7610, 36.1068, -7.6834 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(163, 162, 245)` looks like.

```
.text, #text, p{  
    color:rgb(163, 162, 245)  
}
```

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(163, 162, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 162, 245) }
```

Border

The CSS property to change the border of an element to YUV 171.7610, 36.1068, -7.6834 is called "border". The border property can be set on classes, ids or directly on the HTML element.

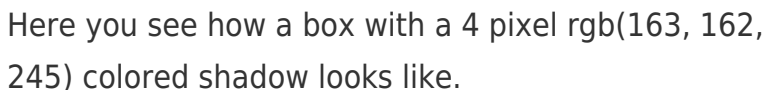
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 162, 245) }
```


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

```
.border{ border-color:rgb(163, 162, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(163, 162, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 162, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 162, 245); box-shadow:4px 4px 4px 4px rgb(163, 162, 245) }
```

Background

The CSS property to change the background color of an element to YUV 171.7610, 36.1068, -7.6834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 162, 245) }
```

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

```
.background{ background-color: rgb(163,  
162, 245) }
```

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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