

Converting Colors

YUV(182.9240, 35.5335,
-10.4573)

Have a look what the booklet for
YUV(182.9240, 35.5335, -10.4573)
contains.

YUV(182.9240, 35.5335, -10.4573)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(182.9240, 35.5335,
-10.4573)**

Conversions

Conversions Part 1

Format	Color
Hex	ABAFFF
RGB	171, 175, 255
RGB Percent	67%, 69%, 100%
CMY	0.3294, 0.3137, 0.0000
CMYK	0.33, 0.31, 0.00, 0.00
HSL	237°, 100%, 84%
HSV	237°, 33%, 100%
XYZ	50.1746, 46.5379, 100.9460
YIQ	182.9240, -28.0640, 24.0320

Conversions

Conversions Part 2

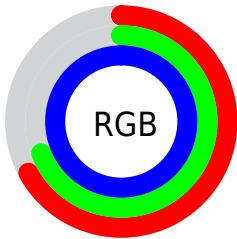
Format	Color
RYB	171, 175, 255
Decimal	11251711
CIELab	73.89, 16.63, -40.03
CIELCh	74, 43.344, 292.555
Yxy	46.5379, 0.2538, 0.2354
Android (android.graphics.Color)	4289441791 (0xFFABAFFF)
YUV	182.9240, 35.5335, -10.4573
Hunter-Lab	68.2187, 11.9034, -39.9808

Details

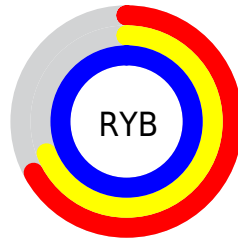
The YUV color $182.9240, 35.5335, -10.4573$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $243.0760, -35.5335, 10.4573$, and the grayscale version is $183.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $232.2520, 11.2148, -3.7290$, and $129.4570, 33.7917, -11.8018$ is the 20% darker color. If you saturate the color by 10%, you get $161.3610, 46.1640, -13.4716$, and if you desaturate by 10%, it is $204.4870, 24.9029, -7.4431$.

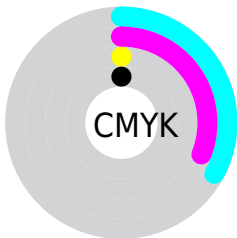
Distribution



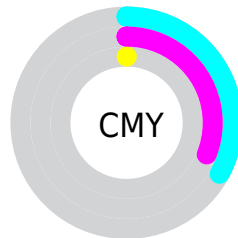
- Red (67%)
- Green (69%)
- Blue (100%)



- Red (67%)
- Yellow (69%)
- Blue (100%)



- Cyan (33%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 182.9240, 35.5335, -10.4573 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 182.9240, 35.5335, -10.4573 by changing the saturation by 10% instead.

■ 182.9240, 35.5335,
-10.4573

■ 182.9240, 35.5335,
-10.4573

255.0000, 0.0000,
0.0000

■ 155.3970, 34.8073,
-10.8722

■ 232.2520, 11.2148,
-3.7290

■ 129.4570, 33.7917,
-11.8018

■ 103.5170, 32.7761,
-12.7314

■ 78.3920, 32.3447,
-14.3758

■ 53.8430, 31.6294,
-18.2793

■ 28.7990, 31.6511,
-25.2567

■ 12.4480, 27.3871,

-10.9169

■ 6.8910, 18.7877,
-6.0434

■ 3.3230, 10.1938,
-2.9143

■ 182.9240, 35.5335,
-10.4573

■ 182.9240, 35.5335,
-10.4573

■ 161.3610, 46.1640,
-13.4716

■ 204.4870, 24.9029,
-7.4431

■ 138.9120, 57.2314,
-16.5858

■ 226.9360, 13.8356,
-4.3289

■ 117.3490, 67.8619,
-19.6001

■ 248.7980, 3.0576,
-0.6998

■ 95.4870, 78.6399,
-23.2291

■ 255.0000, 0.0000,
0.0000

■ 73.9240, 89.2705,
-26.2433

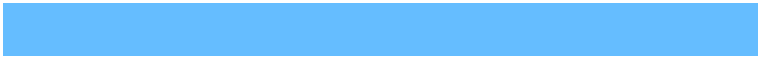
■ 51.4750, 100.3378,
-29.3576

■ 36.1140, 107.9108,
-31.6720

Harmonies

Analogous

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



170.2120, 41.8005, -60.6989



182.9240, 35.5335, -10.4573



186.5180, 21.4366, 31.1177

Triad

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



182.9240, 35.5335, -10.4573



182.0290, -30.5803, 55.2256



159.7810, 5.0380, -76.1069

Complementary

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



182.9240, 35.5335, -10.4573



243.0760, -35.5335, 10.4573

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.



169.5570, -18.5156, -34.6915



182.9240, 35.5335, -10.4573



179.5240, -38.2193, 31.9895

Square

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



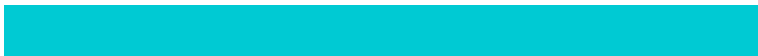
182.9240, 35.5335, -10.4573



182.9110, -14.7461, 63.2221



175.3630, -34.1960, 1.4356



142.6280, 33.7074, -125.0848

Rectangle

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



182.9240, 35.5335, -10.4573



186.2510, 9.7363, 50.6459



175.3630, -34.1960, 1.4356



163.8770, -3.8834, -61.2821

Sweetspot

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



182.9240, 35.5335, -10.4573



233.4370, 10.6306, -3.0142



229.4280, 10.6350, -51.2414



114.4110, 6.6994, -2.1144



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.



182.9240, 35.5335, -10.4573



167.5630, 43.1064, -12.7718



191.9380, 31.0896, 14.9634



116.4820, 5.6784, -1.2997



27.0570, 80.8239, -23.7290



9.0570, 27.0869, -7.9430

Inverse Universe

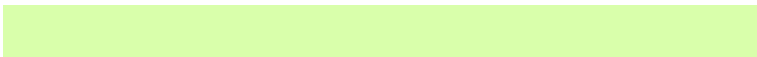
The Inverse Universe completely reimagines the original color for something new.



196.5720, -10.6350, 51.2414



184.0680, -12.8515, 62.2074



234.0620, -31.0896, -14.9634



118.8870, -1.9163, 7.9921



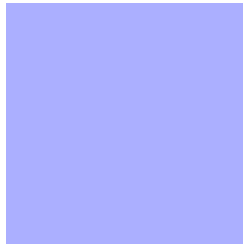
58.1350, -24.2236, 116.5226



19.4780, -8.1237, 39.0458

Previews

White Background



This preview shows how the YUV color 182.9240, 35.5335, -10.4573 looks on a white background.

Color Contrast Check

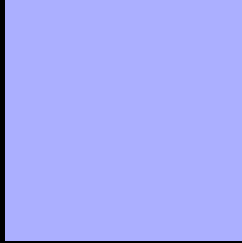
Large Text (above 18pt) WCAG AA × Fail

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 182.9240, 35.5335, -10.4573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

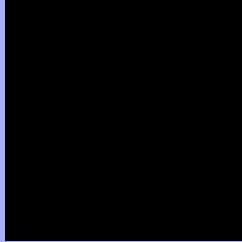
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 182.9240, 35.5335, -10.4573

Background



This preview shows how black text looks on a background with the YUV color 182.9240, 35.5335, -10.4573.



This preview shows how white text looks on a background with the YUV color 182.9240, 35.5335, -10.4573.

-10.4573.

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

182.9240, 35.5335, -10.4573

Protanopia

181.3850, 36.2922, -20.5086

Deuteranopia

180.6730, 36.1502, -21.6382



Tritanopia

179.5230, 10.0952, -17.9987

Trichromacy



Original Color

182.9240, 35.5335, -10.4573

Protanomaly

182.2930, 35.8446, -16.9200

Deuteranomaly

181.5810, 35.7026, -18.0495

Tritanomaly

180.6510, 19.3991, -15.4799

Monochromacy



Original Color

182.9240, 35.5335, -10.4573

Achromatopsia

183.0000, 0.0000, 0.0000

Achromatomaly

183.0070, 12.8145, -3.5141

CSS Examples

Text

The CSS property to change the color of the text to YUV 182.9240, 35.5335, -10.4573 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(171, 175, 255)` looks like.

```
.text, #text, p{  
    color:rgb(171, 175, 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(171, 175, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 175, 255) }
```

Border

The CSS property to change the border of an element to YUV 182.9240, 35.5335, -10.4573 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(171, 175, 255) }
```


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

```
.border{ border-color:rgb(171, 175, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 175, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 175, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 175, 255);  
box-shadow:4px 4px 4px 4px rgb(171, 175,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 182.9240, 35.5335, -10.4573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 175, 255) }
```

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

```
.background{ background-color: rgb(171,  
175, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor