

Converting Colors

YUV(184.8170, 34.6002, 8.9305)

Have a look what the booklet for
YUV(184.8170, 34.6002, 8.9305)
contains.

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Color

**YUV(184.8170, 34.6002,
8.9305)**

Conversions

Conversions Part 1

Format	Color
Hex	C3A6FF
RGB	195, 166, 255
RGB Percent	76%, 65%, 100%
CMY	0.2353, 0.3490, 0.0000
CMYK	0.24, 0.35, 0.00, 0.00
HSL	260°, 100%, 83%
HSV	260°, 35%, 100%
XYZ	54.1919, 46.0945, 100.6487
YIQ	184.8170, -11.2850, 33.8270

Conversions

Conversions Part 2

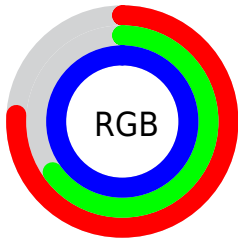
Format	Color
RYB	195, 166, 255
Decimal	12822271
CIELab	73.61, 28.37, -40.33
CIELCh	74, 49.309, 305.123
Yxy	46.0945, 0.2697, 0.2294
Android (android.graphics.Color)	4291012351 (0xFFC3A6FF)
YUV	184.8170, 34.6002, 8.9305
Hunter-Lab	67.8930, 23.6653, -40.3700

Details

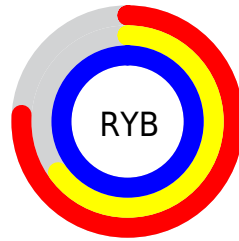
The YUV color **184.8170, 34.6002, 8.9305** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **236.1830, -34.6002, -8.9305**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.4440, 10.1341, 16.2736**, and **131.3500, 32.8585, 7.5861** is the 20% darker color. If you saturate the color by 10%, you get **165.0590, 44.3409, 11.3493**, and if you desaturate by 10%, it is **205.1620, 24.5701, 5.9969**.

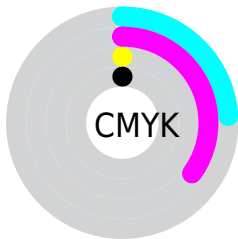
Distribution



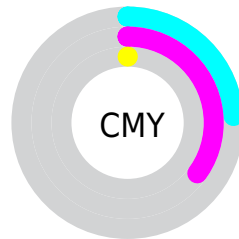
- Red (76%)
- Green (65%)
- Blue (100%)



- Red (76%)
- Yellow (65%)
- Blue (100%)



- Cyan (24%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)





- Cyan (24%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.8170, 34.6002, 8.9305 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 184.8170, 34.6002, 8.9305 by changing the saturation by 10% instead.


 184.8170, 34.6002,
8.9305


 184.8170, 34.6002,
8.9305


255.0000, 0.0000,
0.0000


 157.2900, 33.8740,
8.5157


 234.4440, 10.1341,
16.2736


 131.3500, 32.8585,
7.5861

 252.0650, 1.4470,
2.5740

 105.4100, 31.8429,
6.6564

 80.5840, 31.2641,
5.6268

 56.9320, 30.1065,
3.5676

 32.9810, 29.0964,
0.8937

 9.2470, 28.9652,

-3.7246

■ 6.8910, 18.7877,
-6.0434

■ 3.3230, 10.1938,
-2.9143

■ 184.8170, 34.6002,
8.9305

■ 184.8170, 34.6002,
8.9305

■ 165.0590, 44.3409,
11.3493

■ 205.1620, 24.5701,
5.9969

■ 144.7140, 54.3710,
14.2828

■ 224.9200, 14.8294,
3.5782

■ 124.6570, 64.2591,
16.0868

■ 245.5640, 4.6519,
1.2594

■ 104.3120, 74.2892,
19.0204

■ 255.0000, 0.0000,
0.0000

■ 83.9670, 84.3193,
21.9539

■ 64.2090, 94.0600,
24.3727

■ 53.8870, 99.1487,
25.5321

Harmonies

Analogous

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



172.3710, 40.7361, -45.9294



184.8170, 34.6002, 8.9305



185.7870, 16.8670, 50.1758

Triad

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



184.8170, 34.6002, 8.9305



179.6020, -39.7368, 52.0920



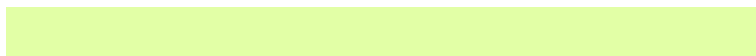
141.0660, 22.6455, -123.7149

Complementary

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



184.8170, 34.6002, 8.9305



236.1830, -34.6002, -8.9305

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.



161.8680, -10.2879, -60.3972



184.8170, 34.6002, 8.9305



176.3780, -43.5704, 21.5935

Square

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



184.8170, 34.6002, 8.9305



179.2290, -23.7769, 66.4512



170.8940, -32.9787, -15.6930



145.6090, 42.5908, -127.6991

Rectangle

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



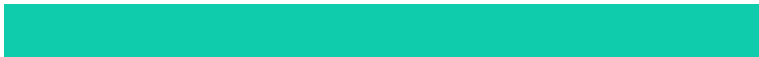
184.8170, 34.6002, 8.9305



182.4330, 3.7305, 63.6413



170.8940, -32.9787, -15.6930



143.8410, 13.8824, -112.9936

Sweetspot

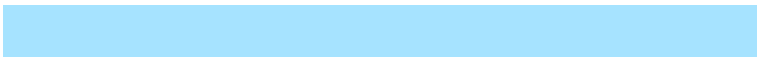
The Sweet Spot groups the original color and five complimentary colors.



184.8170, 34.6002, 8.9305



235.2420, 9.7407, 2.4188



211.9530, 21.2222, -40.3008



115.3190, 6.2517, 1.4742



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.



184.8170, 34.6002, 8.9305



170.6630, 41.5781, 10.8195



197.9730, 28.1143, 35.9807



117.6780, 5.0887, 1.1594



40.3120, 74.2892, 19.0204



13.5750, 24.8595, 6.5117

Inverse Universe

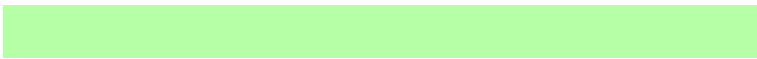
The Inverse Universe completely reimagines the original color for something new.



199.4510, 13.0887, 48.7165



188.2010, 15.6769, 58.5827



223.0270, -28.1143, -35.9807



119.7990, 1.5781, 7.1923



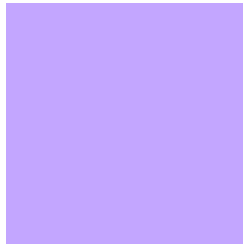
71.8150, 28.1922, 104.5252



24.0380, 9.3483, 35.0467

Previews

White Background



This preview shows how the YUV color 184.8170, 34.6002, 8.9305 looks on a white background.

Color Contrast Check

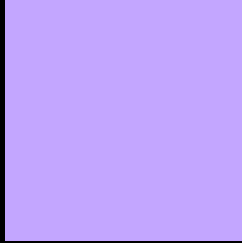
Large Text (above 18pt) WCAG AA × Fail

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 184.8170, 34.6002, 8.9305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

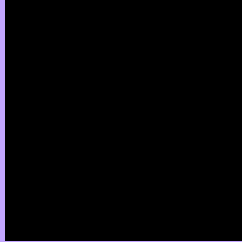
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 184.8170, 34.6002, 8.9305

Background



This preview shows how black text looks on a background with the YUV color 184.8170, 34.6002, 8.9305.



This preview shows how white text looks on a background with the YUV color 184.8170, 34.6002, 8.9305.

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

184.8170, 34.6002, 8.9305

Protanopia

180.4990, 36.7290, -20.6086

Deuteranopia

180.7440, 35.1292, -20.8235



Tritanopia

182.0910, 5.3781, 1.6742

Trichromacy



Original Color

184.8170, 34.6002, 8.9305

Protanomaly

182.3370, 35.8229, -9.9425

Deuteranomaly

182.1090, 34.9493, -9.7426

Tritanomaly

182.9740, 16.2818, 4.4078

Monochromacy



Original Color

184.8170, 34.6002, 8.9305

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

184.9370, 12.3561, 3.5633

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.8170, 34.6002, 8.9305 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(195, 166, 255)` looks like.

```
.text, #text, p{  
    color:rgb(195, 166, 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(195, 166, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 166, 255) }
```

Border

The CSS property to change the border of an element to YUV 184.8170, 34.6002, 8.9305 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(195, 166, 255) }
```


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

```
.border{ border-color:rgb(195, 166, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 166, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 166, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 166, 255);  
box-shadow:4px 4px 4px 4px rgb(195, 166,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 184.8170, 34.6002, 8.9305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 166, 255) }
```

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

```
.background{ background-color: rgb(195,  
166, 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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