

Converting Colors

YUV(132.7410, 60.2737,
34.4301)

Have a look what the booklet for
YUV(132.7410, 60.2737, 34.4301)
contains.

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Color

**YUV(132.7410, 60.2737,
34.4301)**

Conversions

Conversions Part 1

Format	Color
Hex	AC59FF
RGB	172, 89, 255
RGB Percent	67%, 35%, 100%
CMY	0.3255, 0.6510, 0.0000
CMYK	0.33, 0.65, 0.00, 0.00
HSL	270°, 100%, 67%
HSV	270°, 65%, 100%
XYZ	38.6356, 23.1354, 97.0370
YIQ	132.7410, -3.8180, 69.2220

Conversions

Conversions Part 2

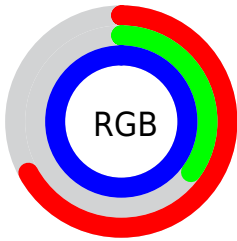
Format	Color
R_{YB}	172, 89, 255
Decimal	11295231
CIE _{Lab}	55.21, 63.44, -69.69
CIE _{LCh}	55, 94.239, 312.312
Yxy	23.1354, 0.2433, 0.1457
Android (android.graphics.Color)	4289485311 (0xFFAC59FF)
YUV	132.7410, 60.2737, 34.4301
Hunter-Lab	48.0993, 59.2059, -85.9440

Details

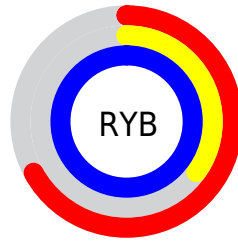
The YUV color $132.7410, 60.2737, 34.4301$ is a light color, and the websafe version is hex $9966FF$. The color can be described as light muted purple. A complement of this color would be $211.2590, -60.2737, -34.4301$, and the grayscale version is $132.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $182.3790, 35.8022, 43.5176$, and $75.0290, 60.1317, 33.3006$ is the 20% darker color. If you saturate the color by 10%, you get $114.1790, 69.4248, 39.3080$, and if you desaturate by 10%, it is $151.8900, 50.8332, 29.0375$.

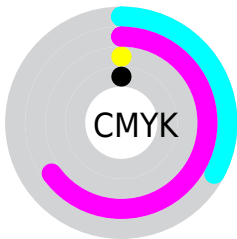
Distribution



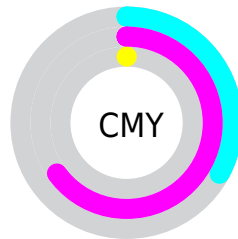
- Red (67%)
- Green (35%)
- Blue (100%)



- Red (67%)
- Yellow (35%)
- Blue (100%)



- Cyan (33%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (65%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.7410, 60.2737, 34.4301 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 132.7410, 60.2737, 34.4301 by changing the saturation by 10% instead.

■ 132.7410, 60.2737,
34.4301

■ 132.7410, 60.2737,
34.4301

255.0000, 0.0000,
0.0000

■ 104.9150, 59.6949,
33.4005

■ 182.3790, 35.8022,
43.5176

■ 75.0290, 60.1317,
33.3006

■ 205.6920, 24.3088,
43.2431

■ 44.0830, 61.5841,
34.1302

■ 222.7150, 15.9165,
28.3139

■ 31.4370, 54.5076,
17.1568

■ 239.7380, 7.5242,
13.3848

■ 14.3060, 49.6421,
-9.0384

■ 10.2600, 39.3118,
-8.9980

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 132.7410, 60.2737,
34.4301

■ 132.7410, 60.2737,
34.4301

■ 114.1790, 69.4248,
39.3080

■ 151.8900, 50.8332,
29.0375

■ 95.3290, 78.7178,
45.3155

■ 170.4520, 41.6822,
24.1596

■ 76.7670, 87.8689,
50.1933

■ 189.3020, 32.3891,
18.1521

■ 67.3420, 92.5154,
53.1971

■ 207.8640, 23.2380,
13.2743

■ 227.0130, 13.7976,
7.8816

■ 245.5750, 4.6465,
3.0037

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



106.5540, 73.1839, -93.4479



132.7410, 60.2737, 34.4301



95.4270, 43.6665, 134.6835

Triad

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



132.7410, 60.2737, 34.4301



124.0710, -61.1670, 65.7127



115.6650, 24.3222, -101.4382

Complementary

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



132.7410, 60.2737, 34.4301



211.2590, -60.2737, -34.4301

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.



104.1000, -12.3743, -91.2957



132.7410, 60.2737, 34.4301



120.4630, -59.3883, 8.3639

Square

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



132.7410, 60.2737, 34.4301



109.8480, -45.7741, 122.0363



90.9850, -44.8556, -79.7938



123.8560, 58.2450, -108.6217

Rectangle

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



132.7410, 60.2737, 34.4301



91.0650, 19.1950, 143.7710



90.9850, -44.8556, -79.7938



112.4730, 12.0918, -98.6388

Sweetspot

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



132.7410, 60.2737, 34.4301



217.5880, 18.4441, 10.8853



156.6450, 48.4890, -59.3247



105.0190, 11.3296, 6.1223



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.



132.7410, 60.2737, 34.4301



108.5860, 72.1821, 41.5821



157.5580, 48.0389, 85.4566



118.2760, 4.7939, 2.3889



50.4780, 69.2773, 39.9228



16.8640, 23.2380, 13.2743

Inverse Universe

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



148.0960, 11.7847, 93.7548



126.9010, 14.3458, 112.3428



186.4420, -48.0389, -85.4566



119.5710, 0.7045, 7.3922



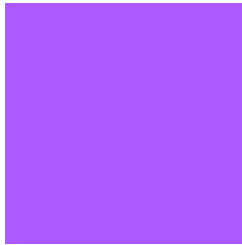
68.0530, 13.7779, 107.8245



22.7840, 4.5435, 36.1464

Previews

White Background



This preview shows how the YUV color 132.7410, 60.2737, 34.4301 looks on a white background.

Color Contrast Check

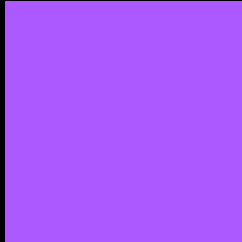
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.7410, 60.2737, 34.4301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

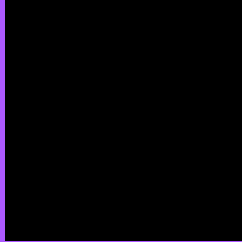
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 132.7410, 60.2737, 34.4301

Background



This preview shows how black text looks on a background with the YUV color 132.7410, 60.2737, 34.4301.



This preview shows how white text looks on a background with the YUV color 132.7410, 60.2737, 34.4301.

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

132.7410, 60.2737, 34.4301

Protanopia

120.9500, 66.0867, -56.9611

Deuteranopia

106.2630, 64.4533, -93.1927



Tritanopia

133.3160, 0.8302, 13.7549

Trichromacy



Original Color

132.7410, 60.2737, 34.4301



Protanomaly

125.2900, 63.9470, -23.9333



Deuteranomaly

115.9190, 63.1439, -46.4100



Tritanomaly

133.0930, 22.6322, 20.9664

Monochromacy



Original Color

132.7410, 60.2737, 34.4301



Achromatopsia

133.0000, 0.0000, 0.0000



Achromatomaly

132.8100, 21.7857, 12.4446

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.7410, 60.2737, 34.4301 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(172, 89, 255)` looks like.

```
.text, #text, p{  
    color:rgb(172, 89, 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(172, 89, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 89, 255) }
```

Border

The CSS property to change the border of an element to YUV 132.7410, 60.2737, 34.4301 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(172, 89, 255) }
```


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

```
.border{ border-color:rgb(172, 89, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 89, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 89, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 89, 255);  
box-shadow:4px 4px 4px 4px rgb(172, 89,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 132.7410, 60.2737, 34.4301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 89, 255) }
```

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

```
.background{ background-color: rgb(172, 89,  
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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