

Converting Colors

YUV(189.1040, 32.4867,
-13.2462)

Have a look what the booklet for
YUV(189.1040, 32.4867, -13.2462)
contains.

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Color

**YUV(189.1040, 32.4867,
-13.2462)**

Conversions

Conversions Part 1

Format	Color
Hex	AEB8FF
RGB	174, 184, 255
RGB Percent	68%, 72%, 100%
CMY	0.3176, 0.2784, 0.0000
CMYK	0.32, 0.28, 0.00, 0.00
HSL	233°, 100%, 84%
HSV	233°, 32%, 100%
XYZ	52.6460, 50.4997, 101.5804
YIQ	189.1040, -28.7510, 19.9610

Conversions

Conversions Part 2

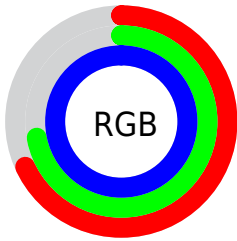
Format	Color
RYB	174, 183, 255
Decimal	11450623
CIELab	76.37, 12.46, -36.16
CIELCh	76, 38.244, 289.011
Yxy	50.4997, 0.2572, 0.2467
Android (android.graphics.Color)	4289640703 (0xFFAEB8FF)
YUV	189.1040, 32.4867, -13.2462
Hunter-Lab	71.0631, 7.8786, -35.0073

Details

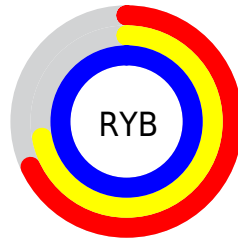
The YUV color **189.1040, 32.4867, -13.2462** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **239.8960, -32.4867, 13.2462**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.0190, 7.8786, -7.0327**, and **135.0500, 31.0344, -14.0758** is the 20% darker color. If you saturate the color by 10%, you get **168.4160, 42.6859, -17.9048**, and if you desaturate by 10%, it is **209.7920, 22.2875, -8.5876**.

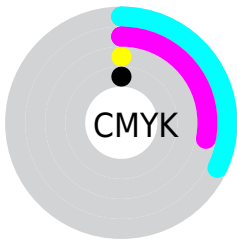
Distribution



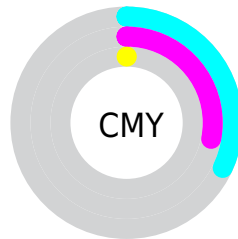
- Red (68%)
- Green (72%)
- Blue (100%)



- Red (68%)
- Yellow (72%)
- Blue (100%)



- Cyan (32%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.1040, 32.4867, -13.2462 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 189.1040, 32.4867, -13.2462 by changing the saturation by 10% instead.

■ 189.1040, 32.4867,
-13.2462

■ 189.1040, 32.4867,
-13.2462

255.0000, 0.0000,
0.0000

■ 161.5770, 31.7605,
-13.6610

■ 239.0190, 7.8786,
-7.0327

■ 135.0500, 31.0344,
-14.0758

■ 109.2240, 30.4556,
-15.1054

■ 84.2840, 29.4400,
-16.0351

■ 59.4470, 28.8666,
-18.8090

■ 33.2070, 29.4779,
-28.2455

■ 18.4320, 24.9300,

-16.1649

■ 7.5920, 18.9351,
-6.6582

■ 3.3230, 10.1938,
-2.9143

■ 189.1040, 32.4867,
-13.2462

■ 189.1040, 32.4867,
-13.2462

■ 168.4160, 42.6859,
-17.9048

■ 209.7920, 22.2875,
-8.5876

■ 147.4400, 53.0271,
-21.4339

■ 230.7680, 11.9464,
-5.0585

■ 127.0510, 63.0789,
-25.4777

■ 251.4560, 1.7472,
-0.3999

■ 106.3630, 73.2780,
-30.1364

■ 255.0000, 0.0000,
0.0000

■ 85.3870, 83.6192,
-33.6654

■ 64.6990, 93.8184,
-38.3240

■ 47.2670, 102.4124,
-41.4532

Harmonies

Analogous

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



179.1050, 37.4162, -54.4661



189.1040, 32.4867, -13.2462



192.9470, 20.7321, 23.7255

Triad

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



189.1040, 32.4867, -13.2462



189.4460, -26.3489, 51.3519



172.7400, 0.6212, -59.4080

Complementary

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



189.1040, 32.4867, -13.2462



239.8960, -32.4867, 13.2462

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.



179.1990, -18.8321, -26.4845



189.1040, 32.4867, -13.2462



187.3760, -33.7094, 32.1192

Square

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



189.1040, 32.4867, -13.2462



190.3770, -11.5249, 56.6744



183.5960, -30.8598, 4.7393



164.2860, 22.5370, -88.8278

Rectangle

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



189.1040, 32.4867, -13.2462



193.7230, 10.4896, 42.3389



183.5960, -30.8598, 4.7393



175.2700, -6.5421, -48.4718

Sweetspot

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



189.1040, 32.4867, -13.2462



234.6110, 10.0518, -4.0438



229.5270, 7.1352, -48.6972



114.9980, 6.4100, -2.6292



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.



189.1040, 32.4867, -13.2462



176.1020, 38.8967, -15.8755



192.2040, 30.9584, 10.3451



117.0690, 5.3890, -1.8145



35.8620, 76.4830, -31.4510



11.9920, 25.6399, -10.5170

Inverse Universe

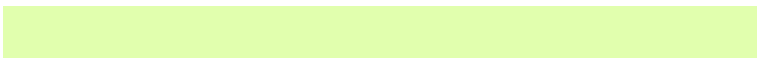
The Inverse Universe completely reimagines the original color for something new.



199.3590, -7.5720, 48.7972



188.3710, -9.0569, 58.4336



236.7960, -30.9584, -10.3451



119.0010, -1.4795, 7.8921



59.8450, -17.6716, 115.0229



20.0480, -5.9397, 38.5459

Previews

White Background



This preview shows how the YUV color 189.1040, 32.4867, -13.2462 looks on a white background.

Color Contrast Check

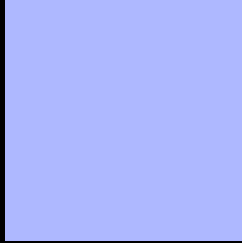
Large Text (above 18pt) WCAG AA × Fail

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 189.1040, 32.4867, -13.2462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

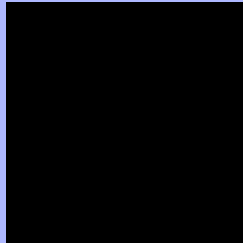
Any Text WCAG AA ✓ Pass

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 189.1040, 32.4867, -13.2462 Background



This preview shows how black text looks on a background with the YUV color 189.1040, 32.4867, -13.2462.



This preview shows how white text looks on a background with the YUV color 189.1040, 32.4867, -13.2462.

-13.2462.

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

189.1040, 32.4867, -13.2462

Protanopia

188.4840, 32.7924, -17.9645

Deuteranopia

188.7830, 32.6450, -17.3497



Tritanopia

186.0390, 10.8268, -19.3282

Trichromacy



Original Color

189.1040, 32.4867, -13.2462

Protanomaly

188.4950, 32.7870, -16.2201

Deuteranomaly

188.7940, 32.6396, -15.6053

Tritanomaly

187.4120, 18.5309, -17.0243

Monochromacy



Original Color

189.1040, 32.4867, -13.2462

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.0670, 11.7990, -4.4438

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.1040, 32.4867, -13.2462 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(174, 184, 255)` looks like.

```
.text, #text, p{  
    color:rgb(174, 184, 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(174, 184, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 184, 255) }
```

Border

The CSS property to change the border of an element to YUV 189.1040, 32.4867, -13.2462 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(174, 184, 255) }
```


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

```
.border{ border-color:rgb(174, 184, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 184, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 184, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 184, 255);  
box-shadow:4px 4px 4px 4px rgb(174, 184,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 189.1040, 32.4867, -13.2462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 184, 255) }
```

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

```
.background{ background-color: rgb(174,  
184, 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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