

Converting Colors

YUV(183.8160, 32.6287,
-12.1166)

Have a look what the booklet for
YUV(183.8160, 32.6287, -12.1166)
contains.

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Color

**YUV(183.8160, 32.6287,
-12.1166)**

Conversions

Conversions Part 1

Format	Color
Hex	AAB2FA
RGB	170, 178, 250
RGB Percent	67%, 70%, 98%
CMY	0.3333, 0.3020, 0.0196
CMYK	0.32, 0.29, 0.00, 0.02
HSL	234°, 89%, 82%
HSV	234°, 32%, 98%
XYZ	49.7533, 47.2890, 96.9479
YIQ	183.8160, -27.8800, 20.6960

Conversions

Conversions Part 2

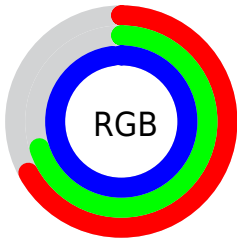
Format	Color
RYB	170, 177, 250
Decimal	11186938
CIELab	74.37, 13.42, -36.59
CIElCh	74, 38.973, 290.139
Yxy	47.2890, 0.2565, 0.2438
Android (android.graphics.Color)	4289377018 (0xFFAAB2FA)
YUV	183.8160, 32.6287, -12.1166
Hunter-Lab	68.7670, 8.8035, -35.4503

Details

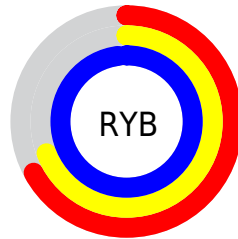
The YUV color **183.8160, 32.6287, -12.1166** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **236.1840, -32.6287, 12.1166**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.3010, 10.2046, -6.4030**, and **130.3490, 30.8869, -13.4611** is the 20% darker color. If you saturate the color by 10%, you get **162.8400, 42.9699, -15.6457**, and if you desaturate by 10%, it is **204.2050, 22.5769, -8.0728**.

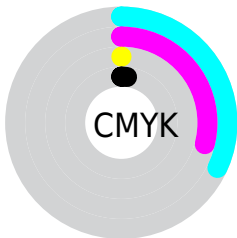
Distribution



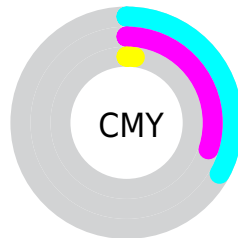
- Red (67%)
- Green (70%)
- Blue (98%)



- Red (67%)
- Yellow (69%)
- Blue (98%)



- Cyan (32%)
- Magenta (29%)
- Yellow (0%)
- Black (2%)



- Cyan (33%)
- Magenta (30%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 183.8160, 32.6287, -12.1166 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 183.8160, 32.6287, -12.1166 by changing the saturation by 10% instead.

■ 183.8160, 32.6287,
-12.1166

■ 183.8160, 32.6287,
-12.1166

255.0000, 0.0000,
0.0000

■ 156.2890, 31.9025,
-12.5315

■ 234.3010, 10.2046,
-6.4030

■ 130.3490, 30.8869,
-13.4611

■ 104.8220, 30.1608,
-13.8759

■ 79.5830, 29.2926,
-15.4203

■ 54.7460, 28.7192,
-18.1942

■ 29.5170, 29.3251,
-25.8864

■ 14.4540, 24.9192,

-12.6762

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 183.8160, 32.6287,
-12.1166

■ 183.8160, 32.6287,
-12.1166

■ 162.8400, 42.9699,
-15.6457

■ 204.2050, 22.5769,
-8.0728

■ 142.4510, 53.0217,
-19.6895

■ 225.1810, 12.2358,
-4.5437

■ 121.4750, 63.3628,
-23.2186

■ 245.5700, 2.1840,
-0.4999

■ 101.0860, 73.4146,
-27.2624

■ 254.4300, -2.1840,
0.4999

■ 80.1100, 83.7558,
-30.7915

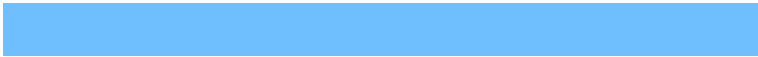
■ 59.7210, 93.8075,
-34.8353

■ 43.1750, 101.9647,
-37.8645

Harmonies

Analogous

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



173.5610, 39.1634, -54.8660



183.8160, 32.6287, -12.1166



187.8440, 20.2899, 25.5698

Triad

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



183.8160, 32.6287, -12.1166



183.6310, -26.9331, 52.0666



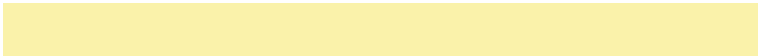
165.6580, 1.6476, -61.9671

Complementary

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



183.8160, 32.6287, -12.1166



236.1840, -32.6287, 12.1166

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.



173.3020, -18.3899, -28.3289



183.8160, 32.6287, -12.1166



181.5500, -34.2881, 31.0897

Square

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



183.8160, 32.6287, -12.1166



185.4590, -12.5513, 59.2335



177.8840, -31.0018, 3.6097



155.8120, 24.7427, -96.3051

Rectangle

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



183.8160, 32.6287, -12.1166



187.6200, 10.0473, 44.1833



177.8840, -31.0018, 3.6097



168.4870, -5.6631, -50.4161

Sweetspot

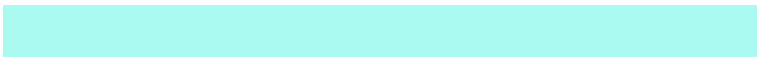
The Sweet Spot groups the original color and five complimentary colors.



183.8160, 32.6287, -12.1166



234.0240, 10.3412, -3.5290



225.1680, 8.2982, -48.3823



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.



183.8160, 32.6287, -12.1166



174.9280, 39.4755, -14.8459



188.6880, 30.2268, 11.6746



114.6560, 5.0996, -2.3293



32.6990, 77.0564, -28.6770



10.4760, 24.9083, -9.1875

Inverse Universe

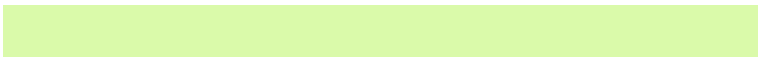
The Inverse Universe completely reimagines the original color for something new.



194.8320, -8.2982, 48.3823



188.1430, -9.9305, 58.6336



231.3120, -30.2268, -11.6746



116.1150, -1.0427, 7.7921



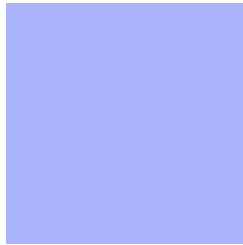
58.6770, -19.5608, 114.2933



18.9230, -6.3710, 36.9015

Previews

White Background



This preview shows how the YUV color 183.8160, 32.6287, -12.1166 looks on a white background.

Color Contrast Check

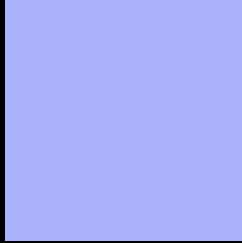
Large Text (above 18pt) WCAG AA × Fail

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 183.8160, 32.6287, -12.1166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

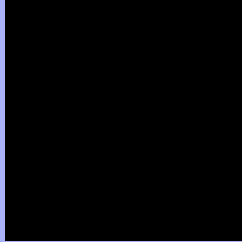
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 183.8160, 32.6287, -12.1166

Background



This preview shows how black text looks on a background with the YUV color 183.8160, 32.6287, -12.1166.



This preview shows how white text looks on a background with the YUV color 183.8160, 32.6287, -12.1166.

-12.1166.

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

183.8160, 32.6287, -12.1166

Protanopia

182.5270, 34.2502, -18.8792

Deuteranopia

182.5980, 33.2292, -18.0644



Tritanopia

180.6370, 10.5320, -18.0986

Trichromacy



Original Color

183.8160, 32.6287, -12.1166

Protanomaly

182.7230, 33.6606, -16.4201

Deuteranomaly

182.9080, 33.0764, -15.7053

Tritanomaly

182.0100, 18.2361, -15.7948

Monochromacy



Original Color

183.8160, 32.6287, -12.1166

Achromatopsia

184.0000, 0.0000, 0.0000

Achromatomaly

184.0670, 11.7990, -4.4438

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.8160, 32.6287, -12.1166 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(170, 178, 250)` looks like.

```
.text, #text, p{  
    color:rgb(170, 178, 250)  
}
```

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(170, 178, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 178, 250) }
```

Border

The CSS property to change the border of an element to YUV 183.8160, 32.6287, -12.1166 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(170, 178, 250) }
```


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

```
.border{ border-color:rgb(170, 178, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 178, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 178, 250); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 178, 250); box-shadow:4px 4px 4px 4px rgb(170, 178, 250) }
```

Background

The CSS property to change the background color of an element to YUV 183.8160, 32.6287, -12.1166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 178, 250) }
```

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

```
.background{ background-color: rgb(170,  
178, 250) }
```

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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