

Converting Colors

YUV(187.5850, 33.2356,
26.6740)

Have a look what the booklet for
YUV(187.5850, 33.2356, 26.6740)
contains.

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Color

**YUV(187.5850, 33.2356,
26.6740)**

Conversions

Conversions Part 1

Format	Color
Hex	DA9FFF
RGB	218, 159, 255
RGB Percent	85%, 62%, 100%
CMY	0.1451, 0.3765, 0.0000
CMYK	0.15, 0.38, 0.00, 0.00
HSL	277°, 100%, 81%
HSV	277°, 38%, 100%
XYZ	59.3616, 46.9217, 100.5358
YIQ	187.5850, 4.3480, 42.3640

Conversions

Conversions Part 2

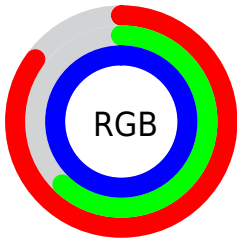
Format	Color
R _{YB}	218, 159, 255
Decimal	14327807
CIE Lab	74.14, 38.86, -39.34
CIE LCh	74, 55.295, 314.647
Yxy	46.9217, 0.2870, 0.2269
Android (android.graphics.Color)	4292517887 (0xFFDA9FFF)
YUV	187.5850, 33.2356, 26.6740
Hunter-Lab	68.4994, 34.8141, -39.0697

Details

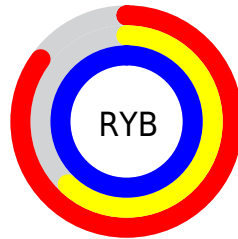
The YUV color **187.5850, 33.2356, 26.6740** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **226.4150, -33.2356, -26.6740**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.9330, 11.8650, 21.1068**, and **133.2320, 31.9306, 25.2295** is the 20% darker color. If you saturate the color by 10%, you get **169.3330, 42.2338, 33.9110**, and if you desaturate by 10%, it is **205.8370, 24.2374, 19.4370**.

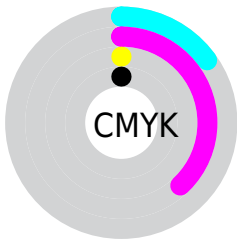
Distribution



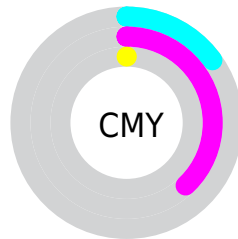
- Red (85%)
- Green (62%)
- Blue (100%)



- Red (85%)
- Yellow (62%)
- Blue (100%)



- Cyan (15%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)





- Cyan (15%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 187.5850, 33.2356, 26.6740 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 187.5850, 33.2356, 26.6740 by changing the saturation by 10% instead.


 187.5850, 33.2356,
26.6740

 187.5850, 33.2356,
26.6740


255.0000, 0.0000,
0.0000


 160.0580, 32.5094,
26.2591


 230.9330, 11.8650,
21.1068


 133.2320, 31.9306,
25.2295

 247.9560, 3.4727,
6.1776

 106.9930, 31.0625,
23.6851

 82.1670, 30.4837,
22.6555

 57.3410, 29.9049,
21.6259

 30.7540, 30.1943,
22.1407

 17.3200, 24.9852,

12.8744

■ 5.1300, 19.6559,
-4.4990

■ 3.3230, 10.1938,
-2.9143

■ 187.5850, 33.2356,
26.6740

■ 187.5850, 33.2356,
26.6740

■ 169.3330, 42.2338,
33.9110

■ 205.8370, 24.2374,
19.4370

■ 151.6680, 50.9427,
40.6332

■ 223.5020, 15.5285,
12.7147

■ 133.7150, 59.7935,
48.4849

■ 241.4550, 6.6777,
4.8630

■ 116.0500, 68.5024,
55.2072

■ 255.0000, 0.0000,
0.0000

■ 97.7980, 77.5006,
62.4442

■ 80.1330, 86.2094,
69.1664

■ 76.0130, 88.2406,
71.0256

Harmonies

Analogous

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



176.3020, 38.7981, -30.9599



187.5850, 33.2356, 26.6740



183.6530, 13.4821, 62.5713

Triad

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



187.5850, 33.2356, 26.6740



179.1040, -47.8723, 48.1438



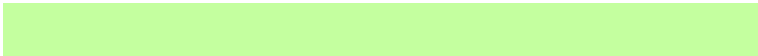
145.5800, 29.7871, -127.6737

Complementary

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



187.5850, 33.2356, 26.6740



226.4150, -33.2356, -26.6740

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.



149.2420, 2.3457, -99.3132



187.5850, 33.2356, 26.6740



174.9870, -47.3216, 11.4124

Square

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



187.5850, 33.2356, 26.6740



178.3510, -32.2180, 67.2212



168.1800, -30.1617, -32.6069



149.0630, 50.7479, -130.7283

Rectangle

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



187.5850, 33.2356, 26.6740



177.9020, -0.9377, 67.6149



168.1800, -30.1617, -32.6069



143.6420, 22.3615, -125.9740

Sweetspot

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



187.5850, 33.2356, 26.6740



235.2750, 9.7244, 7.6518



192.2500, 30.9357, -29.1603



115.9280, 5.9515, 4.4481



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.



187.5850, 33.2356, 26.6740



174.3390, 39.7659, 32.1517



197.5080, 23.4136, 50.4205



118.8740, 4.4991, 3.6185



57.0560, 66.0344, 53.4479



18.9570, 22.2062, 17.5777

Inverse Universe

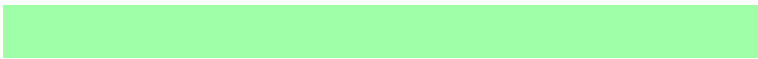
The Inverse Universe completely reimagines the original color for something new.



191.9220, 2.0105, 55.3194



179.4010, 2.2673, 66.3003



216.4920, -23.4136, -50.4205



119.4570, 0.2677, 7.4922



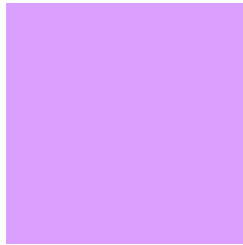
65.5450, 4.1683, 110.0240



21.9860, 1.4859, 36.8463

Previews

White Background



This preview shows how the YUV color 187.5850, 33.2356, 26.6740 looks on a white background.

Color Contrast Check

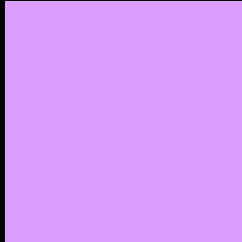
Large Text (above 18pt) WCAG AA × Fail

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 187.5850, 33.2356, 26.6740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

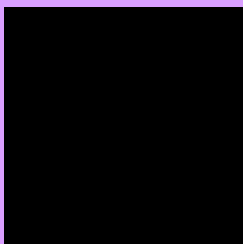
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.5850, 33.2356, 26.6740

Background



This preview shows how black text looks on a background with the YUV color 187.5850, 33.2356, 26.6740.



This preview shows how white text looks on a background with the YUV color 187.5850, 33.2356, 26.6740.

26.6740.

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

187.5850, 33.2356, 26.6740

Protanopia

182.2710, 35.8554, -20.4087

Deuteranopia

182.4130, 33.8134, -18.7792



Tritanopia

184.7620, 1.1033, 19.5027

Trichromacy



Original Color

187.5850, 33.2356, 26.6740



Protanomaly

183.8540, 35.0750, -3.3800



Deuteranomaly

184.1100, 33.4698, -1.8505

Tritanomaly

185.8730, 12.8806, 22.0364

Monochromacy



Original Color

187.5850, 33.2356, 26.6740



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

187.5680, 12.0450, 10.0259

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.5850, 33.2356, 26.6740 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(218, 159, 255)` looks like.

```
.text, #text, p{  
    color:rgb(218, 159, 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(218, 159, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 159, 255) }
```

Border

The CSS property to change the border of an element to YUV 187.5850, 33.2356, 26.6740 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(218, 159, 255) }
```


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

```
.border{ border-color:rgb(218, 159, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 159, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 159, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 159, 255);  
box-shadow:4px 4px 4px 4px rgb(218, 159,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 187.5850, 33.2356, 26.6740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 159, 255) }
```

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

```
.background{ background-color: rgb(218,  
159, 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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