

Converting Colors

YUV(188.8140, 32.6297,
34.3661)

Have a look what the booklet for
YUV(188.8140, 32.6297, 34.3661)
contains.

YUV(188.8140, 32.6297, 34.3661)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(188.8140, 32.6297,
34.3661)**

Conversions

Conversions Part 1

Format	Color
Hex	E49CFF
RGB	228, 156, 255
RGB Percent	89%, 61%, 100%
CMY	0.1059, 0.3882, 0.0000
CMYK	0.11, 0.39, 0.00, 0.00
HSL	284°, 100%, 81%
HSV	284°, 39%, 100%
XYZ	61.9334, 47.4909, 100.5102
YIQ	188.8140, 11.1330, 46.0530

Conversions

Conversions Part 2

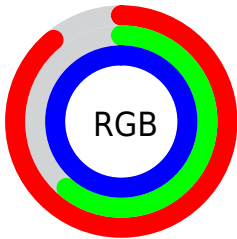
Format	Color
R _Y B	228, 156, 255
Decimal	14982399
CIE Lab	74.50, 43.38, -38.70
CIE LCh	75, 58.131, 318.265
Yxy	47.4909, 0.2950, 0.2262
Android (android.graphics.Color)	4293172479 (0xFFE49CFF)
YUV	188.8140, 32.6297, 34.3661
Hunter-Lab	68.9137, 39.8208, -38.2346

Details

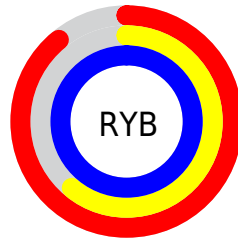
The YUV color **188.8140, 32.6297, 34.3661** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **222.1860, -32.6297, -34.3661**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.7590, 12.4438, 22.1364**, and **134.1620, 31.4721, 32.3069** is the 20% darker color. If you saturate the color by 10%, you get **172.0460, 40.8963, 42.9327**, and if you desaturate by 10%, it is **206.1690, 24.0737, 25.2848**.

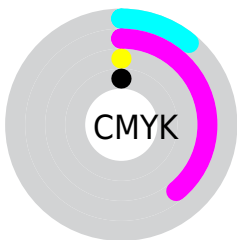
Distribution



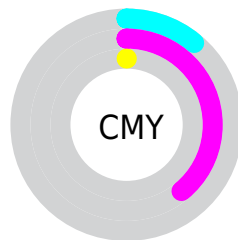
- Red (89%)
- Green (61%)
- Blue (100%)



- Red (89%)
- Yellow (61%)
- Blue (100%)



- Cyan (11%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)





- Cyan (11%)
- Magenta (39%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 188.8140, 32.6297, 34.3661 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 188.8140, 32.6297, 34.3661 by changing the saturation by 10% instead.


 188.8140, 32.6297,
34.3661


 188.8140, 32.6297,
34.3661


255.0000, 0.0000,
0.0000


 160.9880, 32.0509,
33.3365


 229.7590, 12.4438,
22.1364


 134.1620, 31.4721,
32.3069

 246.1950, 4.3409,
7.7220

 108.2220, 30.4566,
31.3773

 81.9230, 30.6040,
30.7625

 56.2110, 30.4620,
29.6330

 29.9230, 30.6040,
30.7625

 19.7120, 23.8060,

17.7926

■ 8.1200, 18.1818,
1.6488

■ 3.3230, 10.1938,
-2.9143

■ 188.8140, 32.6297,
34.3661

■ 188.8140, 32.6297,
34.3661

■ 172.0460, 40.8963,
42.9327

■ 206.1690, 24.0737,
25.2848

■ 154.6910, 49.4523,
52.0140

■ 222.9370, 15.8071,
16.7183

■ 137.9230, 57.7190,
60.5805

■ 240.2920, 7.2510,
7.6369

■ 120.5680, 66.2750,
69.6619

■ 255.0000, 0.0000,
0.0000

■ 103.8000, 74.5416,
78.2284

■ 86.4450, 83.0976,
87.3097

■ 84.3850, 84.1132,
88.2394

Harmonies

Analogous

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



178.7050, 37.6134, -24.2973



188.8140, 32.6297, 34.3661



181.4360, 12.6031, 64.5156

Triad

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



188.8140, 32.6297, 34.3661



179.4690, -51.5032, 46.0697



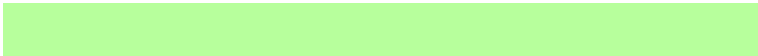
147.7800, 33.1395, -129.6031

Complementary

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



188.8140, 32.6297, 34.3661



222.1860, -32.6297, -34.3661

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.



140.9230, 9.4050, -123.5895



188.8140, 32.6297, 34.3661



174.6120, -48.6157, 6.4793

Square

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



188.8140, 32.6297, 34.3661



178.0260, -36.0018, 67.5062



166.8800, -28.5348, -41.1138



149.9920, 51.7689, -131.5430

Rectangle

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



188.8140, 32.6297, 34.3661



176.0440, -2.9797, 69.2444



166.8800, -28.5348, -41.1138



145.7280, 25.2771, -127.8035

Sweetspot

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



188.8140, 32.6297, 34.3661



234.4110, 10.1504, 11.0406



183.7220, 35.1401, -24.3122



115.9390, 5.9461, 6.1925



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.



188.8140, 32.6297, 34.3661



174.6930, 39.5914, 41.4882



194.4930, 19.4770, 53.0646



119.1730, 4.3517, 4.2333



63.3350, 62.9388, 66.3582



21.0500, 21.1744, 21.8811

Inverse Universe

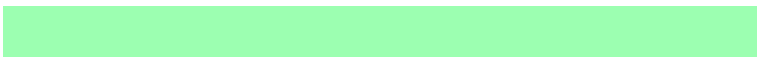
The Inverse Universe completely reimagines the original color for something new.



188.6790, -2.7997, 58.1635



174.6420, -3.2745, 70.4740



216.5070, -19.4770, -53.0646



119.2290, -0.6059, 7.6922



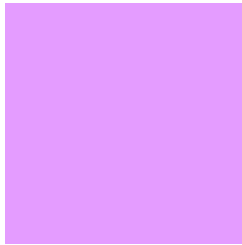
63.0370, -5.4412, 112.2236



21.0740, -2.0085, 37.6461

Previews

White Background



This preview shows how the YUV color 188.8140, 32.6297, 34.3661 looks on a white background.

Color Contrast Check

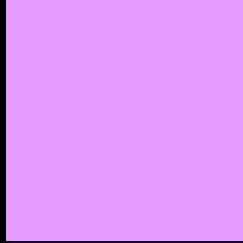
Large Text (above 18pt) WCAG AA × Fail

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 188.8140, 32.6297, 34.3661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

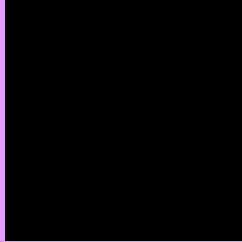
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.8140, 32.6297, 34.3661

Background



This preview shows how black text looks on a background with the YUV color 188.8140, 32.6297, 34.3661.



This preview shows how white text looks on a background with the YUV color 188.8140, 32.6297, 34.3661.

34.3661.

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

188.8140, 32.6297, 34.3661

Protanopia

183.1570, 35.4186, -20.3087

Deuteranopia

183.4840, 32.7924, -17.9645



Tritanopia

186.2360, -1.1023, 26.9800

Trichromacy



Original Color

188.8140, 32.6297, 34.3661



Protanomaly

185.3490, 34.3379, -0.3061



Deuteranomaly

185.6050, 32.7327, 1.2234

Tritanomaly

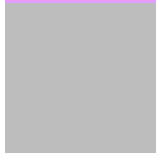
187.4610, 11.1117, 29.4137

Monochromacy



Original Color

188.8140, 32.6297, 34.3661



Achromatopsia

189.0000, 0.0000, 0.0000



Achromatomaly

188.8780, 11.8921, 12.3850

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.8140, 32.6297, 34.3661 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(228, 156, 255)` looks like.

```
.text, #text, p{  
    color:rgb(228, 156, 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(228, 156, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 156, 255) }
```

Border

The CSS property to change the border of an element to YUV 188.8140, 32.6297, 34.3661 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(228, 156, 255) }
```


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

```
.border{ border-color:rgb(228, 156, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 156, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 156, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 156, 255);  
box-shadow:4px 4px 4px 4px rgb(228, 156,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 188.8140, 32.6297, 34.3661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 156, 255) }
```

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

```
.background{ background-color: rgb(228,  
156, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor