

Converting Colors

YUV(185.5100, 13.5526,
39.8947)

Have a look what the booklet for
YUV(185.5100, 13.5526, 39.8947)
contains.

YUV(185.5100, 13.5526, 39.8947)	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(185.5100, 13.5526,
39.8947)**

Conversions

Conversions Part 1

Format	Color
Hex	E79DD5
RGB	231, 157, 213
RGB Percent	91%, 62%, 84%
CMY	0.0941, 0.3843, 0.1647
CMYK	0.00, 0.32, 0.08, 0.09
HSL	315°, 61%, 76%
HSV	315°, 32%, 91%
XYZ	57.0222, 45.9070, 68.8063
YIQ	185.5100, 26.1280, 33.1040

Conversions

Conversions Part 2

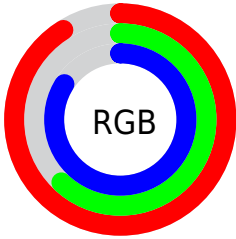
Format	Color
RYB	231, 157, 213
Decimal	15179221
CIELab	73.49, 35.99, -17.34
CIELCh	73, 39.950, 334.272
Yxy	45.9070, 0.3320, 0.2673
Android (android.graphics.Color)	4293369301 (0xFFE79DD5)
YUV	185.5100, 13.5526, 39.8947
Hunter-Lab	67.7547, 31.6546, -12.7820

Details

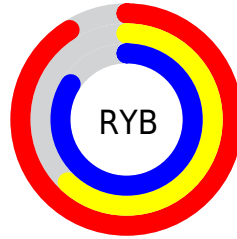
The YUV color **185.5100, 13.5526, 39.8947** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **202.4900, -13.5526, -39.8947**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.7590, 12.4438, 22.1364**, and **131.0860, 13.2686, 37.6356** is the 20% darker color. If you saturate the color by 10%, you get **171.3250, 17.5878, 52.3350**, and if you desaturate by 10%, it is **199.6950, 9.5174, 27.4545**.

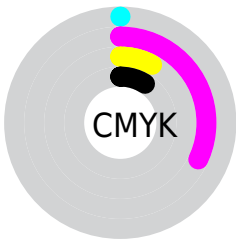
Distribution



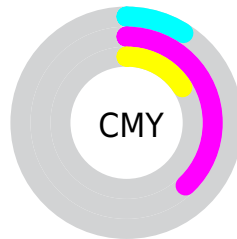
- Red (91%)
- Green (62%)
- Blue (84%)



- Red (91%)
- Yellow (62%)
- Blue (84%)



- Cyan (0%)
- Magenta (32%)
- Yellow (8%)
- Black (9%)





- Cyan (9%)
- Magenta (38%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.5100, 13.5526, 39.8947 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 185.5100, 13.5526, 39.8947 by changing the saturation by 10% instead.


 185.5100, 13.5526,
39.8947


 185.5100, 13.5526,
39.8947

255.0000, 0.0000,
0.0000


 157.7980, 13.4106,
38.7652


 229.7590, 12.4438,
22.1364


 131.0860, 13.2686,
37.6356

 246.7820, 4.0515,
7.2072

 105.3740, 13.1266,
36.5060

 80.3630, 13.1320,
34.7616

 55.0640, 13.2794,
34.1469

 28.5310, 15.0212,
35.4913

 18.0860, 9.8176,

24.4806

■ 5.5970, 4.6357,
6.4924

■ 0.0000, 0.0000,
0.0000

■ 185.5100, 13.5526,
39.8947

■ 185.5100, 13.5526,
39.8947

■ 171.3250, 17.5878,
52.3350

■ 199.6950, 9.5174,
27.4545

■ 157.2540, 22.0598,
64.6752

■ 213.7660, 5.0454,
15.1142

■ 143.0690, 26.0950,
77.1155

■ 227.9510, 1.0102,
2.6740

■ 128.9980, 30.5670,
89.4558

■ 242.0220, -3.4618,
-9.6663

■ 114.2260, 34.8916,
102.4108

■ 246.2280, -2.5774,
-13.3550

■ 100.0410, 38.9268,
114.8510

■ 246.9120, 0.0434,
-13.9548

■ 89.0190, 42.3886,
124.5173

■ 247.4820, 2.2274,
-14.4547

■ 247.8240, 3.5378,
-14.7546

Harmonies

Analogous

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



184.0850, 28.0591, 6.9415



185.5100, 13.5526, 39.8947



184.1520, -3.5259, 57.7487

Triad

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



185.5100, 13.5526, 39.8947



177.3590, -34.6870, 18.9792



142.6050, 38.6487, -123.3106

Complementary

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



185.5100, 13.5526, 39.8947



202.4900, -13.5526, -39.8947

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.



157.3270, 13.6428, -82.7248



185.5100, 13.5526, 39.8947



173.8220, -27.0272, -11.2449

Square

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



185.5100, 13.5526, 39.8947



180.2080, -32.1475, 44.5446



167.0810, -9.8999, -44.7980



161.6670, 41.5762, -82.1460

Rectangle

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



185.5100, 13.5526, 39.8947



183.0740, -15.3195, 60.4481



167.0810, -9.8999, -44.7980



147.2060, 30.4644, -111.5597

Sweetspot

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



185.5100, 13.5526, 39.8947



239.6410, 4.6140, 13.4698



170.5190, 29.8171, 3.0528



118.1520, 2.8831, 8.6367



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.



185.5100, 13.5526, 39.8947



195.3250, 17.5878, 52.3350



181.4060, -2.1722, 43.4939



107.6140, 2.1623, 6.4775



68.9110, 32.5819, 96.5481



19.6950, 9.5174, 27.4545

Inverse Universe

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



185.5100, 13.5526, 39.8947



195.3250, 17.5878, 52.3350



206.5940, 2.1722, -43.4939



107.6140, 2.1623, 6.4775



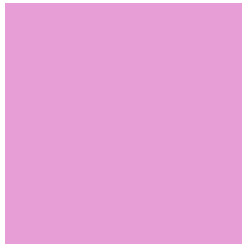
68.9110, 32.5819, 96.5481



19.6950, 9.5174, 27.4545

Previews

White Background



This preview shows how the YUV color 185.5100, 13.5526, 39.8947 looks on a white background.

Color Contrast Check

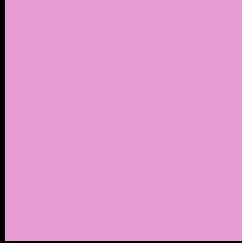
Large Text (above 18pt) WCAG AA × Fail

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 185.5100, 13.5526, 39.8947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

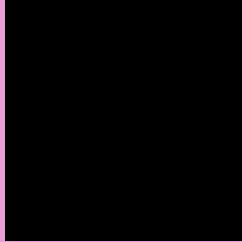
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 185.5100, 13.5526, 39.8947

Background



This preview shows how black text looks on a background with the YUV color 185.5100, 13.5526, 39.8947.



This preview shows how white text looks on a background with the YUV color 185.5100, 13.5526,

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

185.5100, 13.5526, 39.8947

Protanopia

181.5960, 22.8772, -11.0467

Deuteranopia

182.4530, 13.0877, 2.2337



Tritanopia

183.9060, -3.8977, 36.9164

Trichromacy



Original Color

185.5100, 13.5526, 39.8947



Protanomaly

183.2070, 19.6179, 7.7115



Deuteranomaly

183.5410, 13.0443, 16.1885



Tritanomaly

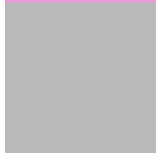
184.2250, 2.3541, 38.3907

Monochromacy



Original Color

185.5100, 13.5526, 39.8947



Achromatopsia

186.0000, 0.0000, 0.0000



Achromatomaly

185.4670, 5.1928, 14.4994

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.5100, 13.5526, 39.8947 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(231, 157, 213)` looks like.

```
.text, #text, p{  
    color:rgb(231, 157, 213)  
}
```

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(231, 157, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 157, 213) }
```

Border

The CSS property to change the border of an element to YUV 185.5100, 13.5526, 39.8947 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(231, 157, 213) }
```


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

```
.border{ border-color:rgb(231, 157, 213) }
```

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

Here you see how a box with a 4 pixel rgb(231, 157, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 157, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 157, 213);  
box-shadow:4px 4px 4px 4px rgb(231, 157,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 185.5100, 13.5526, 39.8947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 157, 213) }
```

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

```
.background{ background-color: rgb(231,  
157, 213) }
```

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