

Converting Colors

YUV(182.4450, 35.7696,
53.9837)

Have a look what the booklet for
YUV(182.4450, 35.7696, 53.9837)
contains.

YUV(182.4450, 35.7696, 53.9837)	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(182.4450, 35.7696,
53.9837)**

Conversions

Conversions Part 1

Format	Color
Hex	F489FF
RGB	244, 137, 255
RGB Percent	96%, 54%, 100%
CMY	0.0431, 0.4627, 0.0000
CMYK	0.04, 0.46, 0.00, 0.00
HSL	294°, 100%, 77%
HSV	294°, 46%, 100%
XYZ	64.3039, 44.3444, 99.7779
YIQ	182.4450, 25.8940, 59.3820

Conversions

Conversions Part 2

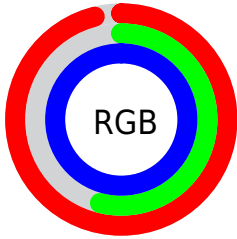
Format	Color
R _Y B	244, 137, 255
Decimal	16026111
CIE Lab	72.46, 57.65, -41.75
CIE LCh	72, 71.181, 324.091
Yxy	44.3444, 0.3085, 0.2128
Android (android.graphics.Color)	4294216191 (0xFFFF489FF)
YUV	182.4450, 35.7696, 53.9837
Hunter-Lab	66.5916, 55.8324, -42.2234

Details

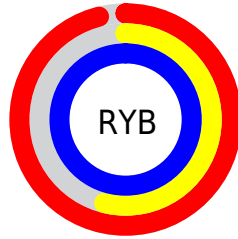
The YUV color **182.4450, 35.7696, 53.9837** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **209.5550, -35.7696, -53.9837**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.6060, 17.9422, 31.9175**, and **126.3200, 35.3382, 52.3394** is the 20% darker color. If you saturate the color by 10%, you get **167.1720, 43.2992, 65.6242**, and if you desaturate by 10%, it is **198.3050, 27.9506, 41.8285**.

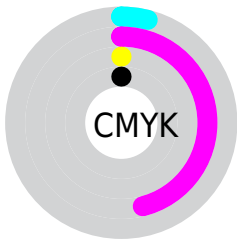
Distribution



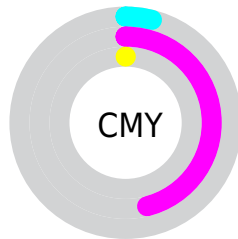
- Red (96%)
- Green (54%)
- Blue (100%)



- Red (96%)
- Yellow (54%)
- Blue (100%)



- Cyan (4%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (46%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 182.4450, 35.7696, 53.9837 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 182.4450, 35.7696, 53.9837 by changing the saturation by 10% instead.


 182.4450, 35.7696,
53.9837


 182.4450, 35.7696,
53.9837


255.0000, 0.0000,
0.0000


 154.6190, 35.1908,
52.9541


 218.6060, 17.9422,
31.9175


 126.3200, 35.3382,
52.3394


 235.6290, 9.5499,
16.9884

 98.6080, 35.1963,
51.2098

 252.6520, 1.1576,
2.0592

 68.3740, 36.7906,
53.1690

 43.8360, 36.0699,
51.0098

 32.9130, 29.1299,
36.9103

 22.7020, 22.3319,

23.9403

■ 11.7080, 16.4130,
9.0261

■ 3.2090, 9.7570,
-2.8143

■ 182.4450, 35.7696,
53.9837

■ 182.4450, 35.7696,
53.9837

■ 167.1720, 43.2992,
65.6242

■ 198.3050, 27.9506,
41.8285

■ 151.0130, 51.2656,
77.1646

■ 213.8770, 20.2736,
30.8029

■ 135.1530, 59.0846,
89.3198

■ 229.7370, 12.4547,
18.6477

■ 119.5810, 66.7616,
100.3455

■ 245.3090, 4.7777,
7.6220

■ 103.7210, 74.5805, 255.0000, 0.0000,
112.5007 0.0000

■ 98.1390, 77.3325,
116.5191

Harmonies

Analogous

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



172.5580, 40.6439, -16.2754



182.4450, 35.7696, 53.9837



166.3390, 13.1439, 77.7557

Triad

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



182.4450, 35.7696, 53.9837



169.5880, -68.8169, 45.9653



148.2020, 39.8334, -129.9732

Complementary

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



182.4450, 35.7696, 53.9837



209.5550, -35.7696, -53.9837

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.



140.5640, 10.5679, -123.2746



182.4450, 35.7696, 53.9837



164.2720, -59.7871, -3.7465

Square

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



182.4450, 35.7696, 53.9837



168.9810, -47.8116, 75.4387



150.5620, -26.4061, -70.6529



148.2310, 52.6371, -129.9986

Rectangle

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



182.4450, 35.7696, 53.9837



160.8500, -5.3490, 82.5696



150.5620, -26.4061, -70.6529



146.2810, 29.9345, -128.2884

Sweetspot

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



182.4450, 35.7696, 53.9837



232.9710, 10.8603, 16.6884



157.4960, 48.0695, -17.9750



114.1890, 6.8088, 9.4812



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.



182.4450, 35.7696, 53.9837



167.1720, 43.2992, 65.6242



180.3760, 13.6186, 65.4452



119.7710, 4.0569, 5.4628



73.5010, 57.9270, 87.2606



24.6380, 19.4055, 29.2585

Inverse Universe

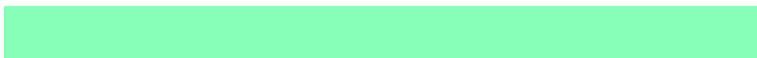
The Inverse Universe completely reimagines the original color for something new.



173.5360, -12.5892, 71.4439



156.3530, -14.9640, 86.5134



211.6240, -13.6186, -65.4452



119.0010, -1.4795, 7.8921



59.1610, -20.2924, 115.6228



19.8200, -6.8133, 38.7459

Previews

White Background



This preview shows how the YUV color 182.4450, 35.7696, 53.9837 looks on a white background.

Color Contrast Check

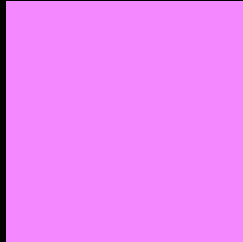
Large Text (above 18pt) WCAG AA × Fail

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 182.4450, 35.7696, 53.9837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

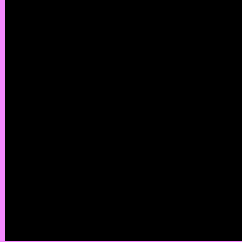
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 182.4450, 35.7696, 53.9837

Background



This preview shows how black text looks on a background with the YUV color 182.4450, 35.7696, 53.9837.



This preview shows how white text looks on a background with the YUV color 182.4450, 35.7696, 53.9837.

53.9837.

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

182.4450, 35.7696, 53.9837

Protanopia

177.5310, 38.1922, -23.2677

Deuteranopia

177.6300, 34.6924, -20.7235



Tritanopia

181.0920, -5.9614, 45.5233

Trichromacy



Original Color

182.4450, 35.7696, 53.9837



Protanomaly

179.4790, 37.2319, 4.8419



Deuteranomaly

179.6210, 35.1898, 6.4714

Tritanomaly

181.7130, 9.0155, 48.4867

Monochromacy



Original Color

182.4450, 35.7696, 53.9837



Achromatopsia

182.0000, 0.0000, 0.0000



Achromatomaly

182.5630, 13.0334, 19.6772

CSS Examples

Text

The CSS property to change the color of the text to YUV 182.4450, 35.7696, 53.9837 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(244, 137, 255)` looks like.

```
.text, #text, p{  
    color:rgb(244, 137, 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(244, 137, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 137, 255) }
```

Border

The CSS property to change the border of an element to YUV 182.4450, 35.7696, 53.9837 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(244, 137, 255) }
```


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

```
.border{ border-color:rgb(244, 137, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 137, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 137, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 137, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 137,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 182.4450, 35.7696, 53.9837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 137, 255) }
```

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

```
.background{ background-color: rgb(244,  
137, 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