

Converting Colors

YUV(182.7440, 35.6222,
54.5985)

Have a look what the booklet for
YUV(182.7440, 35.6222, 54.5985)
contains.

YUV(182.7440, 35.6222, 54.5985)	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(182.7440, 35.6222,
54.5985)**

Conversions

Conversions Part 1

Format	Color
Hex	F589FF
RGB	245, 137, 255
RGB Percent	96%, 54%, 100%
CMY	0.0392, 0.4627, 0.0000
CMYK	0.04, 0.46, 0.00, 0.00
HSL	295°, 100%, 77%
HSV	295°, 46%, 100%
XYZ	64.6518, 44.5238, 99.7942
YIQ	182.7440, 26.4900, 59.5940

Conversions

Conversions Part 2

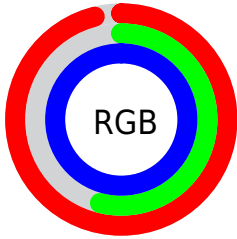
Format	Color
R _Y B	245, 137, 255
Decimal	16091647
CIE _{Lab}	72.58, 57.93, -41.55
CIE _{LCh}	73, 71.292, 324.348
Yxy	44.5238, 0.3094, 0.2131
Android (android.graphics.Color)	4294281727 (0xFFFF589FF)
YUV	182.7440, 35.6222, 54.5985
Hunter-Lab	66.7262, 56.1802, -41.9645

Details

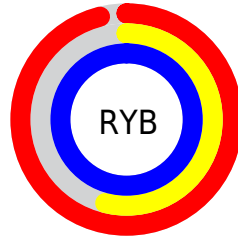
The YUV color **182.7440, 35.6222, 54.5985** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **209.2560, -35.6222, -54.5985**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.6060, 17.9422, 31.9175**, and **126.6190, 35.1908, 52.9541** is the 20% darker color. If you saturate the color by 10%, you get **167.4710, 43.1518, 66.2389**, and if you desaturate by 10%, it is **198.6040, 27.8032, 42.4433**.

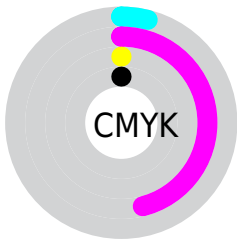
Distribution



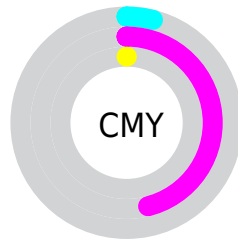
- Red (96%)
- Green (54%)
- Blue (100%)



- 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 182.7440, 35.6222, 54.5985 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 182.7440, 35.6222, 54.5985 by changing the saturation by 10% instead.


 182.7440, 35.6222,
54.5985


 182.7440, 35.6222,
54.5985


255.0000, 0.0000,
0.0000


 154.9180, 35.0434,
53.5689


 218.6060, 17.9422,
31.9175


 126.6190, 35.1908,
52.9541


 235.6290, 9.5499,
16.9884

 98.3200, 35.3382,
52.3394

 252.6520, 1.1576,
2.0592

 68.0860, 36.9326,
54.2986

 44.1350, 35.9224,
51.6246

 33.2120, 28.9825,
37.5251

 23.0010, 22.1845,

24.5551

■ 12.0070, 16.2655,
9.6409

■ 3.2090, 9.7570,
-2.8143

■ 182.7440, 35.6222,
54.5985

■ 182.7440, 35.6222,
54.5985

■ 167.4710, 43.1518,
66.2389

■ 198.6040, 27.8032,
42.4433

■ 151.6110, 50.9708,
78.3942

■ 213.8770, 20.2736,
30.8029

■ 135.7510, 58.7898,
90.5494

■ 229.7370, 12.4547,
18.6477

■ 120.1790, 66.4668,
101.5750

■ 245.3090, 4.7777,
7.6220

■ 104.3190, 74.2857, 255.0000, 0.0000,
113.7302 0.0000

■ 98.7370, 77.0377,
117.7487

Harmonies

Analogous

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



172.8570, 40.4965, -15.6606



182.7440, 35.6222, 54.5985



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.



182.7440, 35.6222, 54.5985



170.1750, -69.1063, 45.4505



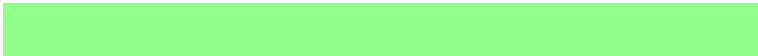
148.9030, 39.9808, -130.5879

Complementary

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



182.7440, 35.6222, 54.5985



209.2560, -35.6222, -54.5985

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.



140.6780, 11.0047, -123.3746



182.7440, 35.6222, 54.5985



164.0870, -59.2029, -4.4613

Square

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



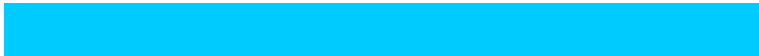
182.7440, 35.6222, 54.5985



168.8670, -48.2484, 75.5386



150.3770, -25.8219, -71.3676



148.2310, 52.6371, -129.9986

Rectangle

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



182.7440, 35.6222, 54.5985



161.3230, -6.0752, 82.1547



150.3770, -25.8219, -71.3676



146.3950, 30.3713, -128.3884

Sweetspot

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



182.7440, 35.6222, 54.5985



232.9710, 10.8603, 16.6884



157.4960, 48.0695, -17.9750



114.4880, 6.6614, 10.0960



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.



182.7440, 35.6222, 54.5985



167.4710, 43.1518, 66.2389



180.3760, 13.6186, 65.4452



119.7710, 4.0569, 5.4628



74.0990, 57.6322, 88.4902



24.6380, 19.4055, 29.2585

Inverse Universe

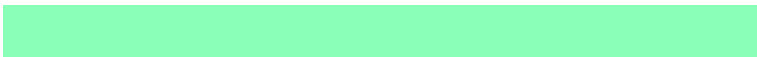
The Inverse Universe completely reimagines the original color for something new.



173.4220, -13.0260, 71.5439



156.1250, -15.8376, 86.7134



211.6240, -13.6186, -65.4452



119.0010, -1.4795, 7.8921



58.9330, -21.1660, 115.8228



19.7060, -7.2501, 38.8458

Previews

White Background



This preview shows how the YUV color 182.7440, 35.6222, 54.5985 looks on a white background.

Color Contrast Check

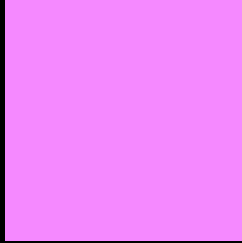
Large Text (above 18pt) WCAG AA × Fail

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 182.7440, 35.6222, 54.5985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

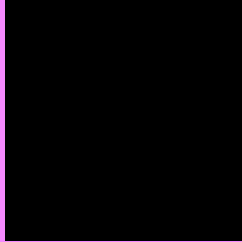
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 182.7440, 35.6222, 54.5985

Background



This preview shows how black text looks on a background with the YUV color 182.7440, 35.6222, 54.5985.



This preview shows how white text looks on a background with the YUV color 182.7440, 35.6222, 54.5985.

54.5985.

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

182.7440, 35.6222, 54.5985

Protanopia

177.8300, 38.0448, -22.6529

Deuteranopia

177.9290, 34.5450, -20.1087



Tritanopia

181.3910, -6.1088, 46.1381

Trichromacy



Original Color

182.7440, 35.6222, 54.5985



Protanomaly

179.7780, 37.0844, 5.4567



Deuteranomaly

179.9200, 35.0424, 7.0862

Tritanomaly

182.0120, 8.8681, 49.1015

Monochromacy



Original Color

182.7440, 35.6222, 54.5985



Achromatopsia

183.0000, 0.0000, 0.0000



Achromatomaly

182.8620, 12.8860, 20.2920

CSS Examples

Text

The CSS property to change the color of the text to YUV 182.7440, 35.6222, 54.5985 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(245, 137, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 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(245, 137, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 137, 255) }
```

Border

The CSS property to change the border of an element to YUV 182.7440, 35.6222, 54.5985 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(245, 137, 255) }
```


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

```
.border{ border-color:rgb(245, 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(245, 137, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 137, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 137, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 137,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 182.7440, 35.6222, 54.5985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 137, 255) }
```

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

```
.background{ background-color: rgb(245,  
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