

Converting Colors

YUV(146.5790, 52.9586,
94.2082)

Have a look what the booklet for
YUV(146.5790, 52.9586, 94.2082)
contains.

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Color

**YUV(146.5790, 52.9586,
94.2082)**

Conversions

Conversions Part 1

Format	Color
Hex	FE47FE
RGB	254, 71, 254
RGB Percent	100%, 28%, 100%
CMY	0.0039, 0.7216, 0.0039
CMYK	0.00, 0.72, 0.00, 0.00
HSL	300°, 99%, 64%
HSV	300°, 72%, 100%
XYZ	61.0157, 32.7331, 96.8682
YIQ	146.5790, 50.3250, 95.7090

Conversions

Conversions Part 2

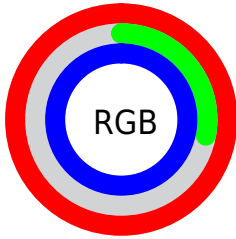
Format	Color
R_{YB}	254, 71, 254
Decimal	16664574
CIE _{Lab}	63.94, 86.74, -54.52
CIE _{LCh}	64, 102.449, 327.848
Yxy	32.7331, 0.3201, 0.1717
Android (android.graphics.Color)	4294854654 (0xFFFE47FE)
YUV	146.5790, 52.9586, 94.2082
Hunter-Lab	57.2128, 90.2422, -60.3361

Details

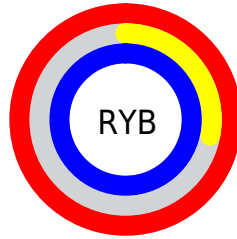
The YUV color **146.5790, 52.9586, 94.2082** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **178.4210, -52.9586, -94.2082**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.1470, 34.4375, 61.2611**, and **80.1650, 57.5997, 98.9563** is the 20% darker color. If you saturate the color by 10%, you get **131.9040, 60.1933, 107.0782**, and if you desaturate by 10%, it is **161.2540, 45.7238, 81.3382**.

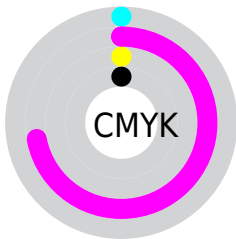
Distribution



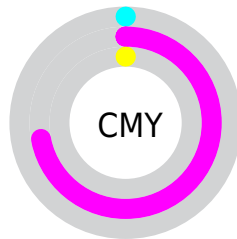
- Red (100%)
- Green (28%)
- Blue (100%)



- Red (100%)
- Yellow (28%)
- Blue (100%)



- Cyan (0%)
- Magenta (72%)
- Yellow (0%)
- Black (0%)




- Cyan (0%)
- Magenta (72%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.5790, 52.9586, 94.2082 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 146.5790, 52.9586, 94.2082 by changing the saturation by 10% instead.


 146.5790, 52.9586,
94.2082


 146.5790, 52.9586,
94.2082

255.0000, 0.0000,
0.0000


 107.5890, 57.8836,
101.2154


 185.1470, 34.4375,
61.2611

 80.1650, 57.5997,
98.9563


 202.7570, 25.7558,
45.8171


 68.0030, 49.7915,
83.3124

 220.3670, 17.0741,
30.3731

 56.2540, 42.2728,
68.1832

 238.5640, 8.1029,
14.4144

 44.5050, 34.7540,
53.0541

 32.9840, 28.1089,
37.7250

 21.5770, 21.9005,

22.2960

■ 7.7780, 16.8714,
1.9487

■ 2.8670, 8.4466,
-2.5144

■ 146.5790, 52.9586,
94.2082

■ 146.5790, 52.9586,
94.2082

■ 131.9040, 60.1933,
107.0782

■ 161.2540, 45.7238,
81.3382

■ 116.6420, 67.7175,
120.4630

■ 176.5160, 38.1996,
67.9535

■ 104.9020, 73.5053,
130.7589

■ 191.1910, 30.9648,
55.0835

■ 206.4530, 23.4407,
41.6987

221.1280, 16.2059,
28.8287

235.8030, 8.9711,
15.9588

251.0650, 1.4470,
2.5740

254.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



142.1240, 55.6479, -22.0337



146.5790, 52.9586, 94.2082



95.1690, 34.9197, 140.1718

Triad

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



146.5790, 52.9586, 94.2082



145.4690, -71.7162, 42.5617



139.9500, 48.8317, -122.7361

Complementary

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



146.5790, 52.9586, 94.2082



178.4210, -52.9586, -94.2082

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.



128.7610, 8.4988, -112.9234



146.5790, 52.9586, 94.2082



132.6360, -65.3895, -26.8678

Square

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



146.5790, 52.9586, 94.2082



139.0540, -68.5536, 101.6846



114.0840, -35.0444, -100.0517



138.8390, 57.2674, -121.7618

Rectangle

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



146.5790, 52.9586, 94.2082



88.3290, 8.7118, 146.1705



114.0840, -35.0444, -100.0517



137.1170, 35.4383, -120.2516

Sweetspot

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



146.5790, 52.9586, 94.2082



222.1280, 16.2059, 28.8287



91.8620, 79.9340, -18.2960



108.0420, 9.8393, 17.5032



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.



146.5790, 52.9586, 94.2082



126.4470, 63.3766, 112.7410



136.2050, 13.2099, 103.3062



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Inverse Universe

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



146.5790, 52.9586, 94.2082



126.4470, 63.3766, 112.7410



188.9090, -12.7731, -103.4062



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Previews

White Background



This preview shows how the YUV color 146.5790, 52.9586, 94.2082 looks on a white background.

Color Contrast Check

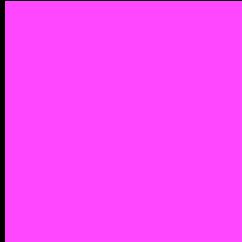
Large Text (above 18pt) WCAG AA × Fail

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 146.5790, 52.9586, 94.2082 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 146.5790, 52.9586, 94.2082 Background



This preview shows how black text looks on a background with the YUV color 146.5790, 52.9586, 94.2082.



This preview shows how white text looks on a background with the YUV color 146.5790, 52.9586, 94.2082.

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

146.5790, 52.9586, 94.2082

Protanopia

151.4830, 51.0339, -35.5036

Deuteranopia

151.3490, 44.1979, -36.2631



Tritanopia

153.6890, -14.6367, 74.8177

Trichromacy



Original Color

146.5790, 52.9586, 94.2082

Protanomaly

150.0080, 51.7611, 11.3940

Deuteranomaly

149.2700, 47.6879, 11.1642

Tritanomaly

151.1500, 9.7860, 81.4294

Monochromacy



Original Color

146.5790, 52.9586, 94.2082

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.6710, 19.3892, 34.4915

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.5790, 52.9586, 94.2082 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(254, 71, 254)` looks like.

```
.text, #text, p{  
    color:rgb(254, 71, 254)  
}
```

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(254, 71, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 71, 254) }
```

Border

The CSS property to change the border of an element to YUV 146.5790, 52.9586, 94.2082 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(254, 71, 254) }
```


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

```
.border{ border-color:rgb(254, 71, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 71, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 71, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 71, 254);  
box-shadow:4px 4px 4px 4px rgb(254, 71,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 146.5790, 52.9586, 94.2082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 71, 254) }
```

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

```
.background{ background-color: rgb(254, 71,  
254) }
```

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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