

Converting Colors

YUV(186.5830, 29.7856,
60.0017)

Have a look what the booklet for
YUV(186.5830, 29.7856, 60.0017)
contains.

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Color

**YUV(186.5830, 29.7856,
60.0017)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8CF7
RGB	255, 140, 247
RGB Percent	100%, 55%, 97%
CMY	0.0000, 0.4510, 0.0314
CMYK	0.00, 0.45, 0.03, 0.00
HSL	304°, 100%, 77%
HSV	304°, 45%, 100%
XYZ	67.4066, 46.7316, 93.4631
YIQ	186.5830, 34.1930, 57.6570

Conversions

Conversions Part 2

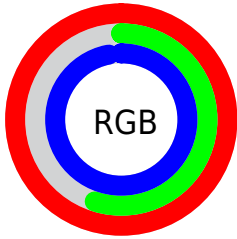
Format	Color
R _Y B	255, 140, 247
Decimal	16747767
CIE _{Lab}	74.02, 57.88, -34.87
CIE _{LCh}	74, 67.572, 328.932
Y _{xy}	46.7316, 0.3247, 0.2251
Android (android.graphics.Color)	4294937847 (0xFFFF8CF7)
Y _{UV}	186.5830, 29.7856, 60.0017
Hunter-Lab	68.3605, 56.3783, -33.2095

Details

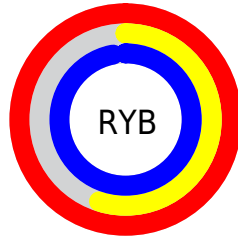
The YUV color **186.5830, 29.7856, 60.0017** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **208.4170, -29.7856, -60.0017**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.3670, 17.0741, 30.3731**, and **130.1590, 29.5016, 57.7426** is the 20% darker color. If you saturate the color by 10%, you get **171.6800, 36.1468, 73.0716**, and if you desaturate by 10%, it is **202.0730, 23.1350, 46.4170**.

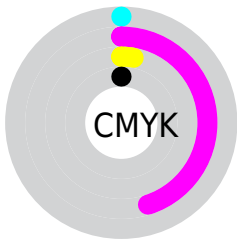
Distribution



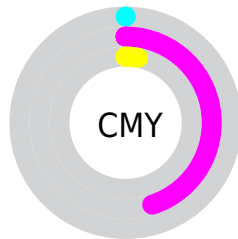
- Red (100%)
- Green (55%)
- Blue (97%)



- Red (100%)
- Yellow (55%)
- Blue (97%)



- Cyan (0%)
- Magenta (45%)
- Yellow (3%)
- Black (0%)





- Cyan (0%)
- Magenta (45%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the YUV color 186.5830, 29.7856, 60.0017 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 186.5830, 29.7856, 60.0017 by changing the saturation by 10% instead.


 186.5830, 29.7856,
60.0017

 186.5830, 29.7856,
60.0017


255.0000, 0.0000,
0.0000


 157.8710, 29.6436,
58.8721


 220.3670, 17.0741,
30.3731


 130.1590, 29.5016,
57.7426

 237.3900, 8.6817,
15.4440

 102.2730, 29.9384,
57.6426

 71.7400, 31.6802,
58.9870

 46.1420, 31.9750,
57.7575

 35.2190, 25.0350,
43.6579

 24.7090, 18.3845,

30.0732

■ 14.7260, 12.4601,
16.9033

■ 2.5250, 7.1362,
-2.2144

■ 186.5830, 29.7856,
60.0017

■ 186.5830, 29.7856,
60.0017

■ 171.6800, 36.1468,
73.0716

■ 202.0730, 23.1350,
46.4170

■ 156.1900, 42.7973,
86.6564

■ 216.9760, 16.7738,
33.3470

■ 141.4010, 49.5953,
99.6263

■ 232.3520, 9.6865,
19.8623

■ 125.9110, 56.2459,
113.2111

■ 247.2550, 3.3253,
6.7924

■ 111.0080, 62.6071, 255.0000, 0.0000,
126.2810 0.0000

■ 103.2630, 65.9323,
133.0733

Harmonies

Analogous

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



180.0330, 36.9587, -0.9059



186.5830, 29.7856, 60.0017



170.3510, 8.2080, 74.2372

Triad

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



186.5830, 29.7856, 60.0017



174.2000, -63.6956, 36.6586



151.2170, 43.7700, -132.6173

Complementary

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



186.5830, 29.7856, 60.0017



208.4170, -29.7856, -60.0017

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.



144.1490, 16.6885, -126.4187



186.5830, 29.7856, 60.0017



168.6930, -51.6136, -12.0088

Square

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



186.5830, 29.7856, 60.0017



175.0790, -49.8319, 70.0907



153.4560, -18.9588, -79.3299



148.8180, 52.3477, -130.5134

Rectangle

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



186.5830, 29.7856, 60.0017



166.7370, -10.7163, 77.4067



153.4560, -18.9588, -79.3299



149.5240, 34.7447, -131.1325

Sweetspot

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



186.5830, 29.7856, 60.0017



233.6400, 9.5445, 18.7327



155.5020, 49.0525, -6.5793



114.8580, 5.4930, 11.5255



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.



186.5830, 29.7856, 60.0017



172.8540, 35.5680, 72.0420



180.0850, 4.8881, 65.7005



120.2550, 3.3253, 6.7924



77.4010, 49.5953, 99.6263



25.8620, 16.3370, 33.4470

Inverse Universe

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



186.5830, 29.7856, 60.0017



172.8540, 35.5680, 72.0420



214.9150, -4.8881, -65.7005



120.2550, 3.3253, 6.7924



77.4010, 49.5953, 99.6263



25.8620, 16.3370, 33.4470

Previews

White Background



This preview shows how the YUV color 186.5830, 29.7856, 60.0017 looks on a white background.

Color Contrast Check

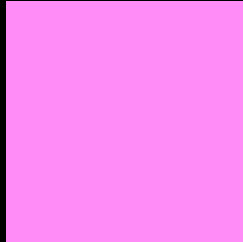
Large Text (above 18pt) WCAG AA × Fail

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 186.5830, 29.7856, 60.0017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

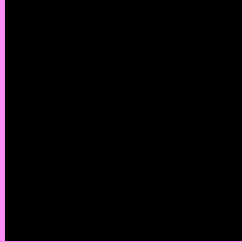
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.5830, 29.7856, 60.0017

Background



This preview shows how black text looks on a background with the YUV color 186.5830, 29.7856, 60.0017.



This preview shows how white text looks on a background with the YUV color 186.5830, 29.7856,

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

186.5830, 29.7856, 60.0017

Protanopia

181.9720, 36.0028, -21.0234

Deuteranopia

182.9640, 28.1187, -12.2464



Tritanopia

184.6800, -7.7302, 52.9006

Trichromacy



Original Color

186.5830, 29.7856, 60.0017



Protanomaly

183.2900, 33.8740, 8.5157



Deuteranomaly

184.3570, 28.9110, 13.7189



Tritanomaly

185.5460, 5.6468, 55.6492

Monochromacy



Original Color

186.5830, 29.7856, 60.0017



Achromatopsia

187.0000, 0.0000, 0.0000



Achromatomaly

187.0040, 10.8440, 21.9215

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.5830, 29.7856, 60.0017 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(255, 140, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 247)  
}
```

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(255, 140, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 247) }
```

Border

The CSS property to change the border of an element to YUV 186.5830, 29.7856, 60.0017 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(255, 140, 247) }
```


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

```
.border{ border-color:rgb(255, 140, 247) }
```

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

Here you see how a box with a 4 pixel rgb(255, 140, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 186.5830, 29.7856, 60.0017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 140, 247) }
```

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

```
.background{ background-color: rgb(255,  
140, 247) }
```

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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