

Converting Colors

YUV(131.9850, 60.6464,
101.7452)

Have a look what the booklet for
YUV(131.9850, 60.6464, 101.7452)
contains.

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Color

**YUV(131.9850, 60.6464,
101.7452)**

Conversions

Conversions Part 1

Format	Color
Hex	F831FF
RGB	248, 49, 255
RGB Percent	97%, 19%, 100%
CMY	0.0275, 0.8078, 0.0000
CMYK	0.03, 0.81, 0.00, 0.00
HSL	298°, 100%, 60%
HSV	298°, 81%, 100%
XYZ	57.8597, 29.3731, 97.2278
YIQ	131.9850, 52.4780, 106.2540

Conversions

Conversions Part 2

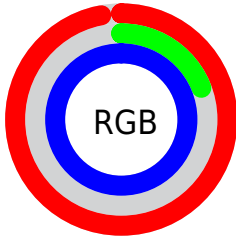
Format	Color
R _Y B	248, 49, 255
Decimal	16265727
CIE Lab	61.11, 91.39, -59.65
CIE LCh	61, 109.130, 326.869
Yxy	29.3731, 0.3137, 0.1592
Android (android.graphics.Color)	4294455807 (0xFFFF831FF)
YUV	131.9850, 60.6464, 101.7452
Hunter-Lab	54.1969, 95.7189, -68.4267

Details

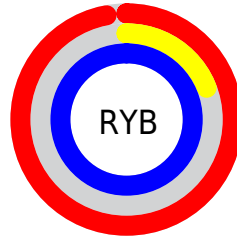
The YUV color $131.9850, 60.6464, 101.7452$ is a light color, and the websafe version is hex $FF33FF$. The color can be described as light washed magenta. A complement of this color would be $172.0150, -60.6464, -101.7452$, and the grayscale version is $131.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $176.3420, 38.7784, 68.9831$, and $78.3710, 58.4841, 95.2676$ is the 20% darker color. If you saturate the color by 10%, you get $117.0110, 68.0286, 114.0004$, and if you desaturate by 10%, it is $147.5460, 52.9748, 88.9752$.

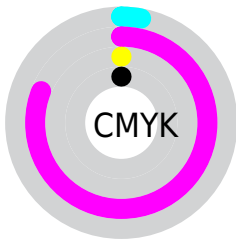
Distribution



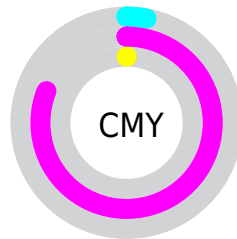
- Red (97%)
- Green (19%)
- Blue (100%)



- Red (97%)
- Yellow (19%)
- Blue (100%)



- Cyan (3%)
- Magenta (81%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (81%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 131.9850, 60.6464, 101.7452 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 131.9850, 60.6464, 101.7452 by changing the saturation by 10% instead.


 131.9850, 60.6464,
101.7452


 131.9850, 60.6464,
101.7452


255.0000, 0.0000,
0.0000


 90.6470, 66.7290,
110.8116


 176.3420, 38.7784,
68.9831


 78.3710, 58.4841,
95.2676


 194.5390, 29.8073,
53.0243

 66.2090, 50.6760,
79.6237


 212.1490, 21.1255,
37.5803

 54.1610, 43.3046,
63.8798

 230.3460, 12.1544,
21.6216

 42.5260, 36.2227,
48.6507

 248.5430, 3.1833,
5.6628

 31.3040, 29.4301,
33.9364

 18.8860, 23.2272,

16.7630

■ 4.7880, 18.3455,
-4.1991

■ 2.9810, 8.8834,
-2.6143

■ 131.9850, 60.6464,
101.7452

■ 131.9850, 60.6464,
101.7452

■ 117.0110, 68.0286,
114.0004

■ 147.5460, 52.9748,
88.9752

■ 102.6240, 75.1214,
125.7408

■ 162.5200, 45.5926,
76.7200

■ 178.0810, 37.9211,
63.9500

■ 192.7560, 30.6863,
51.0800

■ 208.3170, 23.0147,
38.3100

■ 223.2910, 15.6325,
26.0548

■ 238.8520, 7.9610,
13.2848

■ 253.8260, 0.5788,
1.0296

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



128.4470, 62.3906, -38.1030



131.9850, 60.6464, 101.7452



94.7130, 33.1725, 140.5717

Triad

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



131.9850, 60.6464, 101.7452



138.9790, -68.5166, 42.9914



135.7440, 47.9472, -119.0475

Complementary

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



131.9850, 60.6464, 101.7452



172.0150, -60.6464, -101.7452

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.



123.2840, 5.2830, -108.1201



131.9850, 60.6464, 101.7452



125.2380, -61.7423, -30.0267

Square

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



131.9850, 60.6464, 101.7452



130.2490, -64.2128, 109.4066



106.0990, -47.8698, -93.0488



135.9040, 58.7143, -119.1878

Rectangle

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



131.9850, 60.6464, 101.7452



87.5310, 5.6542, 146.8703



106.0990, -47.8698, -93.0488



132.0960, 33.9697, -115.8482

Sweetspot

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



131.9850, 60.6464, 101.7452



218.5950, 17.9477, 30.1732



78.3540, 87.0865, -25.7435



105.6830, 11.0023, 17.8180



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.



131.9850, 60.6464, 101.7452



107.6190, 72.6588, 122.2371



123.4760, 18.9923, 115.3465



120.0700, 3.9095, 6.0776



77.0890, 56.1581, 94.6379



25.8340, 18.8158, 31.7176

Inverse Universe

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



111.3920, -27.3083, 125.9442



82.7650, -32.9151, 151.0501



180.5240, -18.9923, -115.3465



118.8870, -1.9163, 7.9921



57.7930, -25.5339, 116.8225



19.3640, -8.5605, 39.1458

Previews

White Background



This preview shows how the YUV color 131.9850, 60.6464, 101.7452 looks on a white background.

Color Contrast Check

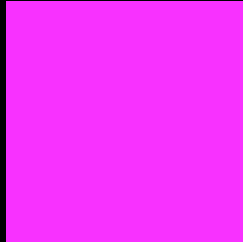
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.9850, 60.6464, 101.7452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

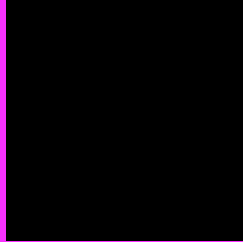
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 131.9850, 60.6464, 101.7452 Background



This preview shows how black text looks on a background with the YUV color 131.9850, 60.6464, 101.7452.



This preview shows how white text looks on a background with the YUV color 131.9850, 60.6464, 101.7452.

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

131.9850, 60.6464, 101.7452

Protanopia

142.3020, 55.5601, -40.6069

Deuteranopia

140.9610, 49.3192, -45.5698



Tritanopia

145.8740, -15.2209, 75.5325

Trichromacy



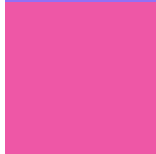
Original Color

131.9850, 60.6464, 101.7452



Protanomaly

138.2020, 57.5814, 11.2238



Deuteranomaly

137.7410, 53.3717, 8.1201

Tritanomaly

141.1550, 12.2486, 84.9331

Monochromacy



Original Color

131.9850, 60.6464, 101.7452



Achromatopsia

132.0000, 0.0000, 0.0000



Achromatomaly

132.0780, 22.1465, 36.7656

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.9850, 60.6464, 101.7452 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(248, 49, 255)` looks like.

```
.text, #text, p{  
    color:rgb(248, 49, 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(248, 49, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 49, 255) }
```

Border

The CSS property to change the border of an element to YUV 131.9850, 60.6464, 101.7452 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(248, 49, 255) }
```


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

```
.border{ border-color:rgb(248, 49, 255) }
```

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

Here you see how a box with a 4 pixel rgb(248, 49, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 49, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 49, 255);  
box-shadow:4px 4px 4px 4px rgb(248, 49,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 131.9850, 60.6464, 101.7452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 49, 255) }
```

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

```
.background{ background-color: rgb(248, 49,  
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](#).

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